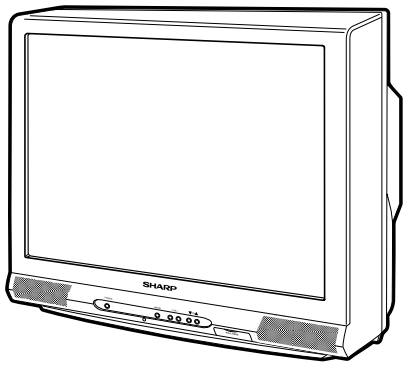
SHARP SERVICE MANUAL

S42H327U-F500



COLOR TELEVISION

Chassis No. MS-B

MODELS 27U-F500 27U-F810

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

CONTENTS

ELECTRICAL SPECIFICATIONS

POWER INPUT ..... 120V AC, 60 Hz
POWER RATING 152W
PICTURE SIZE ..... 2,193.5 cm^2 (339sq inch)
CONVERGENCE ..... Magnetic
SWEEP DEFLECTION ..... Magnetic
FOCUS ..... Hi-Bi-Potential Electrostatic
INTERMEDIATE FREQUENCIES
  Picture IF Carrier Frequency ..... 45.75 MHz
  Sound IF Carrier Frequency ..... 41.25 MHz
  Color Sub-Carrier Frequency ..... 42.17 MHz (Nominal)
AUDIO POWER
  OUTPUT RATING ..... 5.0W + 5.0W (at 10% distortion and Dual CH Operate)
SPEAKER
  SIZE ..... 12 x 6 cm oval (2 pcs.)
  VOICE COIL IMPEDANCE ..... 8 ohm at 400 Hz
ANTENNA INPUT IMPEDANCE
  VHF/UHF ..... 75 ohm Unbalanced
TUNING RANGES
  VHF-Channels ..... 2 thru 13
  UHF-Channels ..... 14 thru 69
  CATV Channels ..... 1 thru 125 (EIA, Channel Plan U.S.A.)

Specifications are subject to change without prior notice.

SHARP CORPORATION

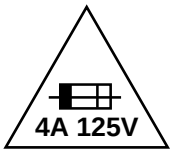
This document has been published to be used for after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

■ **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.
3. Semiconductor heat sinks are potential shock hazards when the chassis is operating.
4. The chassis in this receiver has two ground systems which are separated by insulating material. The non-isolated (hot) ground system is for the B+ voltage regulator circuit. The isolated ground system is for the low B+ DC voltages and the secondary circuit of the high voltage transformer.
   To prevent electrical shock use an isolation transformer between the line cord and power receptacle, when servicing this chassis.



CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE, REPLACE ONLY WITH SAME TYPE 4A-125V FUSE.

SERVICING OF HIGH VOLTAGE SYSTEM AND PICTURE TUBE

When servicing the high voltage system, remove the static charge by connecting a 10k ohm resistor in series with an insulated wire (such as a test probe) between the picture tube ground and the anode lead. (AC line cord should be disconnected from AC outlet.)

1. Picture tube in this receiver employs integral implosion protection.
2. Replace with tube of the same type number for continued safety.
3. Do not lift picture tube by the neck.
4. Handle the picture tube only when wearing shatterproof goggles and after discharging the high voltage anode completely.

X-RADIATION AND HIGH VOLTAGE LIMITS

1. Be sure all service personnel are aware of the procedures and instructions covering X-radiation. The only potential source of X-ray in current solid state TV receivers is the picture tube. However, the picture tube does not emit measurable X-Ray radiation, if the high voltage is as specified in the "High Voltage Check" instructions.
   It is only when high voltage is excessive that X-radiation is capable of penetrating the shell of the picture tube including the lead in the glass material. The important precaution is to keep the high voltage below the maximum level specified.
2. It is essential that servicemen have available at all times an accurate high voltage meter.
   The calibration of this meter should be checked periodically.
3. High voltage should always be kept at the rated value –no higher. Operation at higher voltages may cause a failure of the picture tube or high voltage circuitry and;also, under certain conditions, may produce radiation in exceeding of desirable levels.
4. When the high voltage regulator is operating properly there is no possibility of an X-radiation problem. Every time a color chassis is serviced, the brightness should be tested while monitoring the high voltage with a meter to be certain that the high voltage does not exceed the specified value and that it is regulating correctly.
5. Do not use a picture tube other than that specified or make unrecommended circuit modifications to the high voltage circuitry.
6. When trouble shooting and taking test measurements on a receiver with excessive high voltage, avoid being unnecessarily close to the receiver.
   Do not operate the receiver longer than is necessary to locate the cause of excessive voltage.

IMPORTANT SERVICE SAFETY PRECAUTION

(Continued)

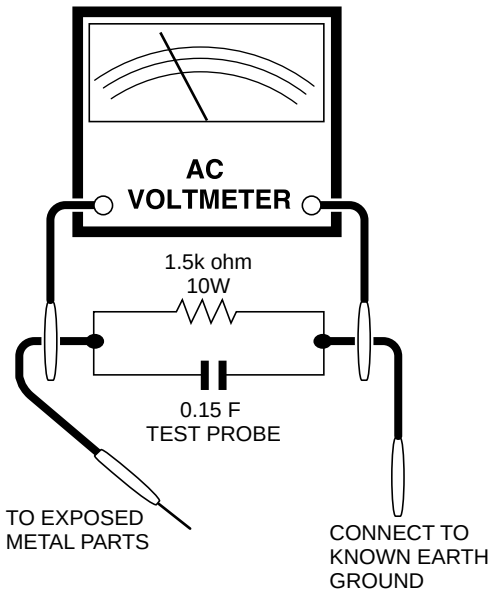
BEFORE RETURNING THE RECEIVER

(Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks.

1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 120 volt AC outlet, (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity to measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.
  AII checks must be repeated with the AC line cord plug connection reversed. (If necessary, a non-polarized adapter plug must be used only for the purpose of completing these check.)
  Any current measured must not exceed 0.5 milliamp. Any measurements not within the limits outlined above indicate of a potential shock hazard and corrective action must be taken before returning the instrument to the customer.



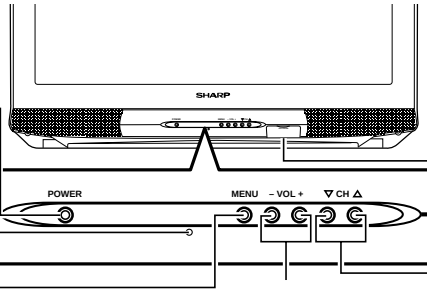
SAFETY NOTICE

Many electrical and mechanical parts in television receivers have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the Replacement Parts Lists and Schematic Diagrams.

For continued protection, replacement parts must be identical to those used in the original circuit. The use of substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire, X-radiation or other hazards.

LOCATION OF USER'S CONTROL
(27U-F500)

Front Panel



POWER
Press → On.
Press again → Off.

VIDEO/AUDIO IN 2 TERMINALS (INSIDE DOOR)

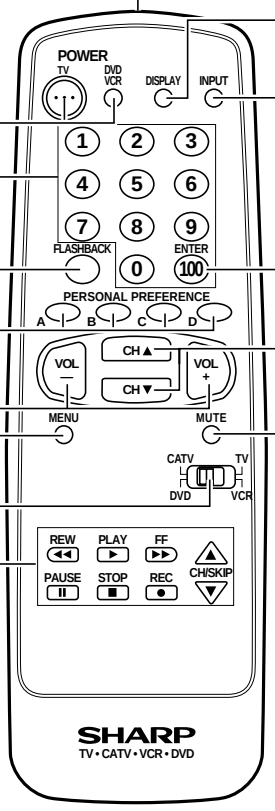
SENSOR AREA FOR REMOTE CONTROL

CHANNEL UP/DOWN
(▲) Selects next higher channel.
(▼) Selects next lower channel.
• Press both at the same time to access the MAIN MENU screen.

MENU
Press → Accesses MAIN MENU.
Press again → Exits MAIN MENU.

VOLUME UP/DOWN
(+) Increases sound.
(–) Decreases sound.

Basic Remote Control Functions



Infrared Transmitter Window

DISPLAY
Press → Displays receiving channel for four seconds.
Press again → Removes display.
• Temporarily displays receiving channel when in Closed Caption mode.

INPUT
Press → Switch to external video INPUT 1 mode.
Press 2 times → Switch to external video INPUT 2 mode.
Press 3 times → Switch to external video INPUT 3 mode or COMPONENT mode.
Press 4 times → Switch back to the original TV mode.

ENTER
Used in some instances where a Cable Converter Box requires an "enter" command after selecting channels, when using the REMOTE KEYPAD button.

CHANNEL UP/DOWN
(▲) Selects next higher channel.
(▼) Selects next lower channel.
• Moves the " ✥ " mark of the MENU screens.

MUTE
Press → Mutes sound.
Press again → Restores sound.
• CLOSED CAPTION appears when sound is muted.

POWER
Press → On.
Press again → Off.

REMOTE KEYPAD
Accesses any channel from keypad.

FLASHBACK
Returns to previous channel.

PERSONAL PREFERENCE
With the Personal Preference buttons, you can program your favorite programs by using the 4 categories A, B, C and D. The channels can be accessed quickly by using these buttons.

VOLUME UP/DOWN
(+) Increases sound.
(–) Decreases sound.
• In menu mode, changes or selects the TV adjustments.

MENU
Press → Accesses MAIN MENU.
Press again → Exits MAIN MENU.

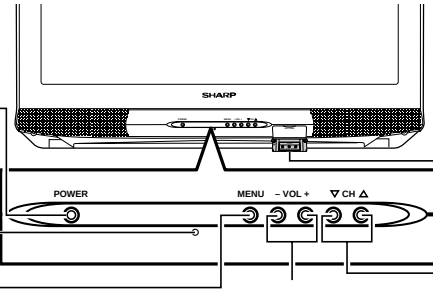
CATV/DVD-TV/VCR MODE SELECT SWITCH
In TV/VCR position, sends power and channel select commands (Channel up/down and Random Access buttons) to the TV and VCR control.
In CATV/DVD position, sends power and channel select commands to a cable TV converter and DVD control.

DVD/VCR CONTROL

Note:
- The above shaded buttons on the Remote Control glow in the dark. To use the glow-in-the-dark display on the remote control, place it under a fluorescent light or other lighting.
- The phosphorescent material contains no radioactive or toxic material, so it is safe to use.
- The degree of illumination will vary depending on the strength of lighting used.
- The degree of illumination will decrease with time and depending on the temperature.
- The time needed to charge the phosphorescent display will vary depending on the surrounding lighting.
- Sunlight and fluorescent lighting are the most effective when charging the display.

LOCATION OF USER'S CONTROL
(27U-F810)

Front Panel



POWER
Press → On.
Press again → Off.

VIDEO/AUDIO IN 2 TERMINALS

SENSOR AREA FOR REMOTE CONTROL

CHANNEL UP/DOWN
(▲) Selects next higher channel.
(▼) Selects next lower channel.
• Press both at the same time to access the MAIN MENU screen.

MENU
Press → Accesses MAIN MENU.
Press again → Exits MAIN MENU.

VOLUME UP/DOWN
(+) Increases sound.
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POWER
Press → On.
Press again → Off.

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ANT–A/B

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Accesses any channel from keypad.

FLASHBACK
Returns to previous channel.

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Press 4 times → Switch back to the original TV mode.

VOLUME UP/DOWN
(+) Increases sound.
(–) Decreases sound.
• In menu mode, changes or selects the TV adjustments.

ENTER
Used in some instances where a Cable Converter Box requires an "enter" command after selecting channels, when using the REMOTE KEYPAD button.

MENU
Press → Accesses MAIN MENU.
Press again → Exits MAIN MENU.

MUTE
Press → Mutes sound.
Press again → Restores sound.
• CLOSED CAPTION appears when sound is muted.

POWER
Press → On.
Press again → Off.

CHANNEL UP/DOWN
(▲) Selects next higher channel.
(▼) Selects next lower channel.
• Moves the "✥" marks of the MENU screen

DVD/VCR CONTROL

PIP FUNCTION
You can watch two pictures at the same time.

SKIP/VCR-CH

REC

Note:
- The above shaded buttons on the Remote Control glow in the dark. To use the glow-in-the-dark display on the remote control, place it under a fluorescent light or other lighting.
- The phosphorescent material contains no radioactive or toxic material, so it is safe to use.
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- The degree of illumination will decrease with time and depending on the temperature.
- The time needed to charge the phosphorescent display will vary depending on the surrounding lighting.
- Sunlight and fluorescent lighting are the most effective when charging the display.

INSTALLATION AND SERVICE INSTRUCTIONS

Note: (1) When performing any adjustments to resistor controls and transformers use non-metallic screwdrivers or TV alignment tools.
(2) Before performing adjustments, the TV set must be on at least 15 minutes.

CIRCUIT PROTECTION

The receiver is protected by a 4.0A fuse (F701), mounted on PWB-A, wired into one side of the AC line input.

X-RADIATION PROTECTOR CIRCUIT TEST

After service has been performed on the horizontal deflection system, high voltage system, B+ system, test the X-Radiation protection circuit to ascertain proper operation as follows:

1. Apply 120V AC using a variac transformer for accurate input voltage.
2. Allow for warm up and adjust all customer controls for normal picture and sound.
3. Receive a good local channel.
4. Connect a digital voltmeter to TP651 and make sure that the voltmeter reads 13.0 ±0.7V.
5. Apply external 16.1V DC at TP651 by using an external DC supply, TV must be shut off.
6. To reset the protector, unplug the AC cord and plug the AC cord power on. Now make sure that normal picture appears on the screen.
7. If the operation of the horizontal oscillator does not stop in step 5, the circuit must be repaired before the set is returned to the customer.

HIGH VOLTAGE CHECK

High voltage is not adjustable but must be checked to verify that the receiver is operating within safe and efficient design limitations as specified checks should be as follows:

1. Connect an accurate high voltage meter between ground and anode of picture tube.
2. Operate receiver for at least 15 minutes at 120V AC line voltage, with a strong air signal or a properly tuned in test signal.
3. Enter the service mode and select the service adjustment "V18" and Bus data "01" (Y-mute on, CRT Cut Off).
4. The voltage should be below 33.0kV (at zero beam). If a correct reading cannot be obtained, check circuitry for malfunctioning components. After the voltage test, make Y-mute off to the normal mode.

For adjustments of this model, the bus data is converted to various analog signals by the D/A converter circuit.

Note: There are still a few analog adjustments in this series such as focus and master screen voltage. Follow the steps below whenever the service adjustment is required. See "Table-B" to determine, if service adjustments are required.

1. Service mode

Before putting unit into the service mode, check that customer adjustments are in the normal mode. Use the reset function in the video adjustment menu to ensure customer controls are in their proper (reset) position.

2. Service number selection

Once in the service mode, press the Ch-up or Ch-down button on the remote controller or at the set. The service adjustment number will vary in increments of one, from "V01" to "P08". Select the item you wish to adjust.

3. Data number selection

Press the Vol-up or Vol-down button to adjust the data number.

To enter the service mode and exit service mode.

To enter the service mode manually just press and hold the Vol-down and Ch-up buttons at the same time, plug the AC cord into a wall socket.
Now the TV set is switched on and enters the service mode.
To exit the service mode, turn the television off by pressing the power button.

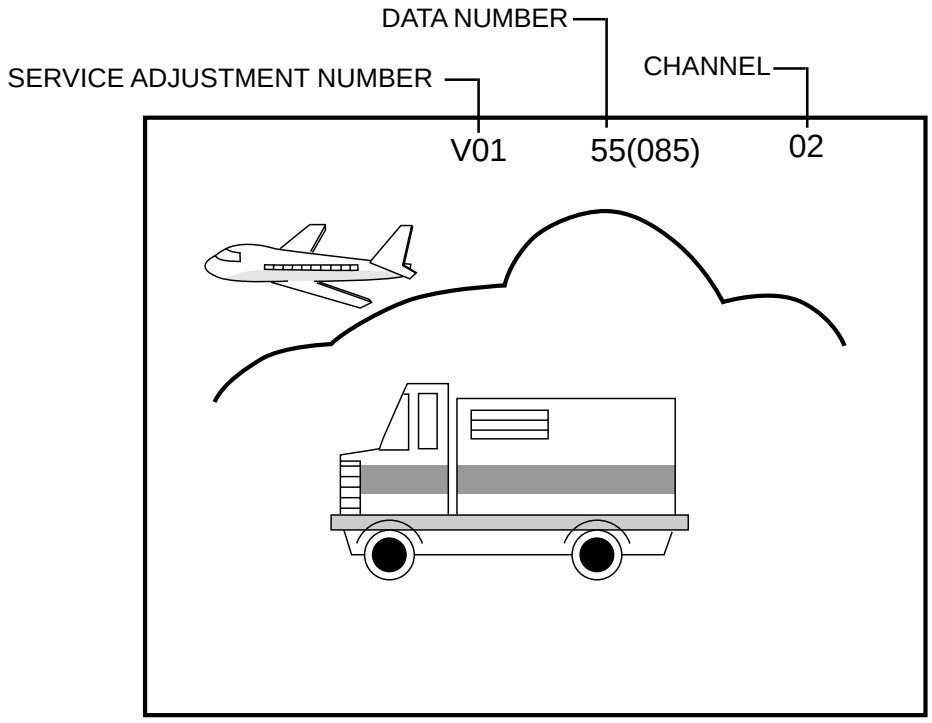


Figure A.

SERVICE NUMBER	ADJUSTMENT ITEM	DATA		ADJUSTMENT CONTENTS
		INITIAL VALUE	RANGE	
V01	PICTURE	3(03h)	0-15(00h-0Fh)	
V02	TINT	62(3Eh)	0-127(00h-7Fh)	
V03	COLOR	45(2Dh)	0-127(00h-7Fh)	
V04	SCREEN	16(10h)	0-31(00h-1Fh)	Must be set to “10”
V05	BRIGHT	77(4Dh)	0-127(00h-7Fh)	
V06	R CUT-OFF	64(40h)	64-255(40h-FFh)	
V07	G CUT-OFF	64(40h)	64-255(40h-FFh)	
V08	B CUT-OFF	64(40h)	64-255(40h-FFh)	
V09	G DRIVE	64(40h)	0-127(00h-7Fh)	
V10	B DRIVE	64(40h)	0-127(00h-7Fh)	
V11	SHARP	20(14h)	0-63(00h-3Fh)	Must be set to “1E”
V12	N PHASE	1(01h)	0-3 (00h-03h)	Must be set to “01”
V13	DC RESTORATION	0(00h)	0-3 (00h-03h)	Must be set to “03”
V14	BLACK STRETCH	3(03h)	0-3 (00h-03h)	Must be set to “03”
V15	ABL START POINT	3(03h)	0-3 (00h-03h)	Must be set to “03”
V16	ABL GAIN	2(02h)	0-3 (00h-03h)	Must be set to “02”
V17	γ POINT	0(00h)	0-3 (00h-03h)	Must be set to “02”
V18	Y-MUTE/V-STOP	0(00h)	0-2	“00”=Nomal,“01”=No-Y,“02”=No-Y&No-Vertical
V19	ENERGY SAVE	40(28h)	0-63(00h-3Fh)	Must be set to “28”
V20	RTONE-G	–	–	
V21	RTONE-B	–	–	
V22	RTONE-G	–	–	
V23	RTONE-B	–	–	
V24	LOW-G	247(F7h)	0-255(00h-FFh)	Must be set to “F7”
V25	LOW-B	232(E8h)	0-255(00h-FFh)	Must be set to “E8”
V26	ML-G	0(00h)	0-255(00h-FFh)	Must be set to “00”
V27	ML-B	249(F9h)	0-255(00h-FFh)	Must be set to “F9”
V28	HIGH-G	3(03h)	0-255(00h-FFh)	Must be set to “03”
V29	HIGH-B	6(06h)	0-255(00h-FFh)	Must be set to “06”
V30	WPS	1(01h)	0-1	Must be set to “01”
V31	RGB CONTRAST	31(20h)	0-63(00h-3Fh)	Must be set to “31”
V32	Y-DL	2(02h)	0-7(00h-07h)	Must be set to “02”
V33	Y-DL-INPUT	1(01h)	0-7(00h-07h)	Must be set to “01”
V34	VSM GAIN	7(07h)	0-7(00h-07h)	Must be set to “07”
V35	N COMB	1(01h)	0-1	Must be set to “01”
V36	BPF/TOF-INPUT	0(00h)	0-1	Must be set to “01”
V37	CORING	0(00h)	0-1	Must be set to “00”
V38	VSM PHASE	0(00h)	0-1	Must be set to “00”
V39	COLOR γ	0(00h)	0-1	Must be set to “01”
V40	SHARP-INPUT	20(14h)	0-63(00h-3Fh)	Must be set to “1E”
V41	TINT-INPUT	62(3Eh)	0-127(00h-7Fh)	
V42	PICTURE-COMPONENT	3(03h)	0-15(00h-0Fh)	
V43	TINT-COMPONENT	16(10h)	0-31(00h-1Fh)	Must be set to “10”
V44	COLOR-COMPONENT	48(30h)	0-127(00h-7Fh)	Must be set to “44”
V45	BRIGHT-COMPONENT	74(4Ah)	0-127(00h-7Fh)	
V46	R CUT OFF-COMPONENT	64(40h)	64-255(00h-FFh)	
V47	G CUT OFF-COMPONENT	64(40h)	64-255(00h-FFh)	
V48	B CUT OFF-COMPONENT	64(40h)	64-255(00h-FFh)	
V49	G DRIVE-COMPONENT	64(40h)	0-127(00h-7Fh)	
V50	B DRIVE-COMPONENT	64(40h)	0-127(00h-7Fh)	
V51	SHARP-COMPONENT	20(14h)	0-63(00h-3Fh)	Must be set to “1E”
V52	N PHASE-COMPONENT	01(01h)	0-3 (00h-03h)	Must be set to “01”
V53	C-TRAP	0(00h)	0-1	Must be set to “00”
V54	ANT-B PICTURE	3(03h)	0-15(00h-0Fh)	
V55	ANT-B TINT	62(3Eh)	0-127(00h-7Fh)	
V56	ANT-B COLOR	45(2Dh)	0-127(00h-7Fh)	
V57	ANT-B SHARP	20(14h)	0-63(00h-3Fh)	Must be set to “1E”
V58	ANT-B BRIGHT	77(4Dh)	0-127(00h-7Fh)	
R01	RF-AGC	36(24h)	0-63(00h-3Fh)	
R02	PIF VCO coil	–	–	
R03	RF-AGC REF	5C(5Ch)	0-255(00h-FFh)	Must be set to “5C”
D01	V POSITION	0(00h)	0-7 (00h-07h)	
D02	H POSITION	16(10h)	0-31(00h-1Fh)	
D03	V SIZE	18(12h)	0-63(00h-3Fh)	
D04	H SIZE	31(1Fh)	0-63(00h-3Fh)	Must be set to “38”
D05	V-LINEARITY	7(07h)	0-15(00h-0Fh)	

Table - A

SERVICE NUMBER	ADJUSTMENT ITEM	DATA		ADJUSTMENT CONTENTS
		INITIAL VALUE	RANGE	
D06	V-S CORRECTION	8(08h)	0-15(00h-0Fh)	Must be set to “08”
D07	EW PARABOLA	33(21h)	0-63(00h-3Fh)	Must be set to “04”
D08	EW TRAPEZIUM	14(0Eh)	0-31(00h-1Fh)	Must be set to “0E”
D09	EW CORNER	12(0Ch)	0-15(00h-0Fh)	Must be set to “04”
D10	AFC GAIN	2(02h)	0-3 (00h-03h)	Must be set to “02”
D11	V EHT	7(07h)	0-7 (00h-07h)	Must be set to “04”
D12	H EHT	3(03h)	0-7 (00h-07h)	Must be set to “04”
EX1	FAO VOLUME	36(24h)	0-50(00h-32h)	Must be set to “24”
EX2	CC-POSITION	33(21h)	0-127(00h-7Fh)	
EX3	INT	122(7Ah)	0-255(00h-FFh)	Must be set to “7A”
EX4	A-ATT	90(5Ah)	0-127	
EX5	TUNER data	0(00h)	0-3(00h-03h)	Must be set to “00”
EX6	Think chip-Slice LEVEL	54(36h)	0-255(00h-FFh)	Must be set to “36”
OP1	OPTION1	BA	0-255(00h-FFh)	Must be set to “F5”(27U-F500)/“F7”(27U-F810)
OP2	OPTION2	01	0-7	Must be set to “18”(27U-F500)/“F9”(27U-F810)
OP3	OPTION3	15(0Fh)	0-255(00h-FFh)	Must be set to “0F”
M01	INPUT LEVEL	9(09h)	0-15(00h-0Fh)	Must be set to “09”
M02	MTS VCO	36(24h)	0-63(00h-3Fh)	
M03	FILTER	31(1Fh)	0-63(00h-3Fh)	
M04	WIDEBAND	24(18h)	0-63(00h-3Fh)	
M05	SPECTRAL	16(10h)	0-63(00h-3Fh)	
M06	ANT-B INPUT LEVEL	9(09h)	0-15(00h-0Fh)	
M07	ANT-B WIDEBAND	24(18h)	0-63(00h-3Fh)	
M08	ANT-B SPECTRAL	16(10h)	0-63(00h-3Fh)	
M09	SRS LEVEL	255(FFh)	0-255(00h-FFh)	Must be set to “E0”
M10	BBE LEVEL	255(FFh)	0-255(00h-FFh)	Must be set to “D9”
M11	SRS&BBE LEVEL	255(FFh)	0-255(00h-FFh)	Must be set to “D0”
M12	SRS&BBE OFF LEVEL	255(FFh)	0-255(00h-FFh)	Must be set to “E5”
M13	SRS Effect	2(02h)	2-3(02h-03h)	Must be set to “02”
M14	BBE-L Effect	8(08h)	0-15(00h-0Fh)	Must be set to “0F”
M15	BBE-H Effect	8(08h)	0-15(00h-0Fh)	Must be set to “0F”
M16	AGC Level	7(07h)	0-7(00h-07h)	Must be set to “01”
M17	BASS Offset	0(00h)	0-31(00h-1Fh)	Must be set to “10”
M18	TREBLE Offset	0(00h)	0-31(00h-1Fh)	Must be set to “10”
M19	BASS Offset-BBE	0(00h)	0-31(00h-1Fh)	Must be set to “11”
M20	TREBLE Offset-BBE	0(00h)	0-31(00h-1Fh)	Must be set to “10”
P01	CONTRAST-PIP	50(32h)	0-127(00h-7Fh)	
P02	TINT-PIP	41(29h)	0-63(00h-3Fh)	Must be set to “29”
P03	COLOR-SAT-PIP	50(32h)	0-127(00h-7Fh)	
P04	Y-OFFSET-PIP	9(09h)	0-31(00h-1Fh)	Must be set to “09”
P05	HXA-PIP	10(0Ah)	0-255(00h-FFh)	Must be set to “0A”
P06	HADJ-PIP	0(00h)	0-15(00h-0Fh)	Must be set to “00”
P07	FREE RUN-PIP	11(0Bh)	0-15(00h-0Fh)	Must be set to “0B”
P08	TINT-PIP-INPUT	36(24h)	0-63(00h-3Fh)	Must be set to “24”

Table - A

Holding down both the VOL-up and CH-up buttons on the TV set at service mode for more than 2 seconds will automatically write the above initial values into IC2101.

PART REPLACED	ADJUSTMENT		NOTES
	NECESSARY	UNNECESSARY	
IC2001		X	Data is stored in IC2101.
IC201	X		The adjustment is needed to compensate for characteristics of parts including IC201 and MTS level (M01).
IC2101	X		Holding down both the VOL-up and CH-up buttons on the TV set in the service mode for more than 2 seconds will automatically write the above initial values into IC2101 Then perform a complete adjustment.
CRT	X		Adjust items related to picture tube only.
IC3001	X		Adjust items related to MTS only (M01~M20).
IC1801	X		Adjust items related to P-IN-P only (P01~P08).

Table - B

SERVICE ADJUSTMENT

RF AGC Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "R01".
3. Set the data value to point where no noise or beat appears.
4. Select another channel to confirm that no noise or beat appears.

   Note 1 : You will have to come out of the service mode to select another channel.

   Note 2 : Setting the data to "00" will produce a black raster.

Screen Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "V03" and set the data value to "00" to set the color level to minimum. (Record original data code under adjustment "V03" before changing) You may skip this step, if you selected a B/W picture or monoscope pattern.
3. Select the service adjustment "V18" and adjust the data value to "01", this turn off the luminance signal (Y-mute).
4. Adjust the master screen control until the raster darkens to the point where raster is barely seen.
5. Adjust the service adjustments "V06" red, "V07" green and "V08" blue to obtain a good grey scale with normal whites at low brightness level.
6. Select the service adjustment "V18" and reset data to "00". Select the service adjustment "V03" and reset data to obtain normal color level.
7. For component input, the data value of "V46" red, "V47" green and "V48" blue is adjusted to follow the data value of "V06", "V07" and "V08" respectively.
8. Reset the master screen control to obtain normal brightness range.

White Balance Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "V03" and set to "00" (minimum color)(Record original data code under adjustment "V03" before changing). "V03" does not have to be adjusted, if you selected a B/W picture or monoscope pattern.
3. Alternately adjust the service adjustment data of "V09" and "V10" until a good grey scale with normal whites is obtained. (RF Input)
4. For component input, the data value of "V49" and "V50" is adjusted to follow the data value of "V09" and "V10" respectively.
5. Select the service adjustment "V03" and reset data to obtain normal color level.

Sub-picture and Sub-Bright Adjustments

1. Receive the window pattern signal.

• RF INPUT (TU51)

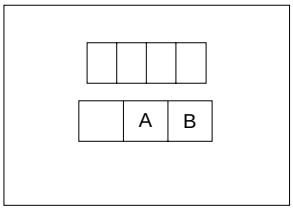
2. Get into service adjustment data "V01" and "V05" and set the luminance as shown in figure "A" and "B" as below respectively.

• RF INPUT (TU52)

3. Get into service adjustment data "V54" and "V58" and set the luminance as shown in figure "A" and "B" as below respectively.

• COMPONENT INPUT

4. Get in service adjustment data "V42" and "V45" and set the luminance as shown in figure "A" and "B" as below respectively.



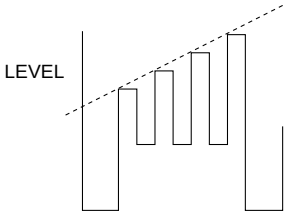
VOLTAGE CONFIRMATION
A: 120±10cd/m²
B:1.5±0.5cd/m²

Sub-Tint Adjustment

1. Receive the half color bar signal.

• RF INPUT (TU51)

2. Get into Y-Mute by R/C, or by setting the "V18" bus data to "01".
3. Vary the "V02" bus data until the waveform becomes as stated below.



B-AMP Base waveform in step (TP47B)

• RF INPUT (TU52) (27U-F810 only)

4. Input data of "V55" to minus 1 step from "V02" data.

• AV INPUT

5. Input data of "V41" to minus 5 step from "V02" data.

Sub-Color Adjustment

1. Receive a good local channel.
2. Make sure the customer color control is set to center position .

• RF INPUT (TU51)

3. Enter the service mode and select service adjustment "V03".
4. Adjust "V03" data value to obtain a normal color level.

• RF INPUT (TU52) (27U-F810 only)

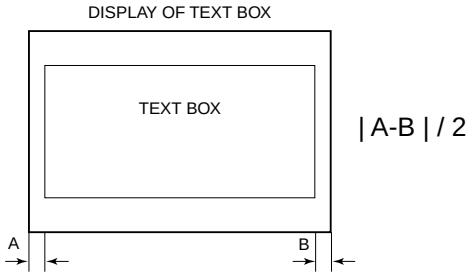
5. Enter the service mode and select service adjustment "V56".
6. Input the data of "V56" same as "V03" data.

Focus Adjustment

1. Receive a good local channel.
2. Adjust the VR-1 (upper knob) and VR-2 (middle knob) of the flyback transformer to make the image as fine as possible.

C. C Display Position Adjustment

1. Receive the lion head pattern signal.
2. Select "EX2" to display the text box.
3. Adjust the "EX2" bus data to let the text box displayed in the center.



SPEC INSPECTION:| A-B | / 2 ≦ 5mm

Vertical-Size and Linearity Adjustments

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "D03" for V-size.
3. Adjust the "D03" bus data to get the proper V-size.
4. For V-linearity adjustment, select data bus "D05" and adjust to get the proper vertical linearity.
   Note: Aging for 10 min before adjustment. After the adjustment of V-center and V-size, re-adjustment for this V-line.

Vertical Phase Adjustment

1. Enter the service mode and select the service adjustment "D01".
2. Adjust "D01" data value so that picture is centered.

Horizontal Position Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "D02".
3. Adjust "D02" data value so that picture is centered.

Caption Position Adjustment (Horizontal)

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "EX2".
3. A black text box appears on the screen. (see ***Figure B.*** below)
4. Adjust "EX2" data value so that text box is positioned in the center of the screen.

Horizontal-Size Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "D04" for H-size.
3. Adjust the "D04" bus data to get the proper H-size.

EW-Parabola

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "D07" for EW parabola.
3. Adjust the "D07" bus data to get the proper vertical straight line for both left and right side.

EW-Trapezium

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "D08" for EW-Trapezium.
3. Adjust the "D08" bus data to get the best position display.

EW-Corner

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "D09" for EW-Corner.
3. Adjust the "D09" bus data to get the best linearity for 4 corner points.

Other Adjustments

1. Enter the service mode.
2. Adjust the following data values as listed below.

SERVICE POSITION	ADJUST ITEM	DATA(Hex)	
		27U-F810	27U-F500
OP1	OPTION1	F7	F5
OP2	OPTION2	F9	18
OP3	OPTION3	0F	0F

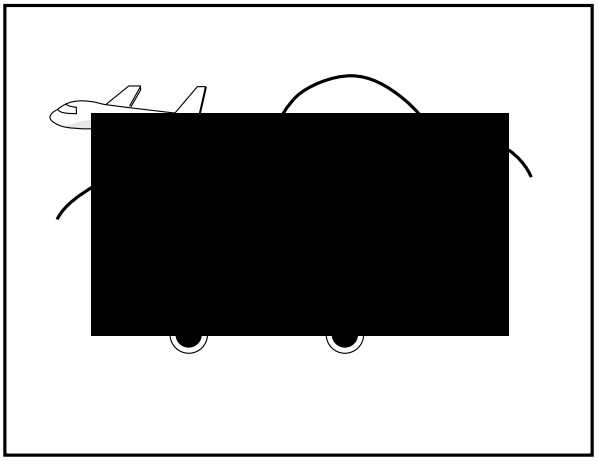


Figure B.

■ MTS ADJUSTMENT

MTS Level Adjustment

1. Set the sound volume above 1.
   Monoral signal: 400Hz, 100% modulation
2. Confirm "M01" data is "09h".
3. Vary the "EX4" bus data until the voltage to pin (39) of IC3001.
4. Become the value as stated below.

Only for 27U-F810

1. Set the sound volume above 1.
2. Vary the "M06" bus data until the voltage to pin (39) of IC3001.
3. Becomes the value as stated below.
   SETTING VOLTAGE
   ADJ spec : 490±10mVrms
   CHK spec: 490±20mVrms

MTS VCO Adjustment

1. Keep the unit in no-signal state.
2. Connect the frequency counter to pin (39) of IC3001.
3. Connect a capacitor (100µF, 50V) in between positive(+) side of C3005 and ground.
4. Enter the service mode and select the service adjustment "M02"
5. Adjust the data so that the frequency counter reads 62.94 ±0.75kHz.

Filter Adjustment

1. Feed the following stereo pilot signal to pin (14) of IC3001 .
   Stereo pilot signal: 9.4kHz, 600mVrms.
2. Enter the service mode and select the service adjustment "M03".
3. Adjust the data until "OK" appears in position on the screen. Make sure the "OK" is displayed almost at the center of the data range.

Separation Adjustment

1. Input "SIGNAL 1" and vary the "M04" bus data to get the minimun AC voltage to pin (39) of IC3001.
2. Input "SIGNAL 2" and vary the "M05" bus data to get the minimun AC voltage to pin (39) of IC3001.
   SIGNAL 1: 300Hz, 30% modulation, Lch only, NR-ON
   SIGNAL 2: 3kHz, 30% modulation, Lch only, NR-ON

• Only for 27U-F810

1. Input "SIGNAL 1" and vary the "M07" bus data to get the minimun AC voltage to pin (39) of IC3001.
2. Input "SIGNAL 2" and very the "M08" bus data to get the minimun AC voltage to pin (39) of IC3001.

Note: SIGNAL 1 Adj. for widebando
SIGNAL 2 Adj. for spectral
Check the output of the speaker at the maximum volume as stated below.
Confirmation spec:
ADJ spec: above 25 dB
CHK spec: above 20 dB

■ P-IN-P ADJUSTMENT
(Only for 27U-F810)

P-IN-P Y-LEVEL Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "P01".
3. Adjust "P01" data value to obtain normal contrast level.

P-IN-P TINT Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "P02".
3. Adjust data value to "29".

P-IN-P COLOR Adjustment

1. Receive a good local channel.
2. Make sure the customer color control is set to center position.
3. Enter the service mode and select the service adjustment "P03".
4. Adjust "P03" data value to obtain normal color level.

P-IN-P Y-OFF SET Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "P04".
3. Adjust data value to "09".

P-IN-P H-POSITION Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "P05".
3. Adjust data value to "0A".

P-IN-P BURST GATE PULSE (for MAIN)

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "P06".
3. Adjust data value to "00".

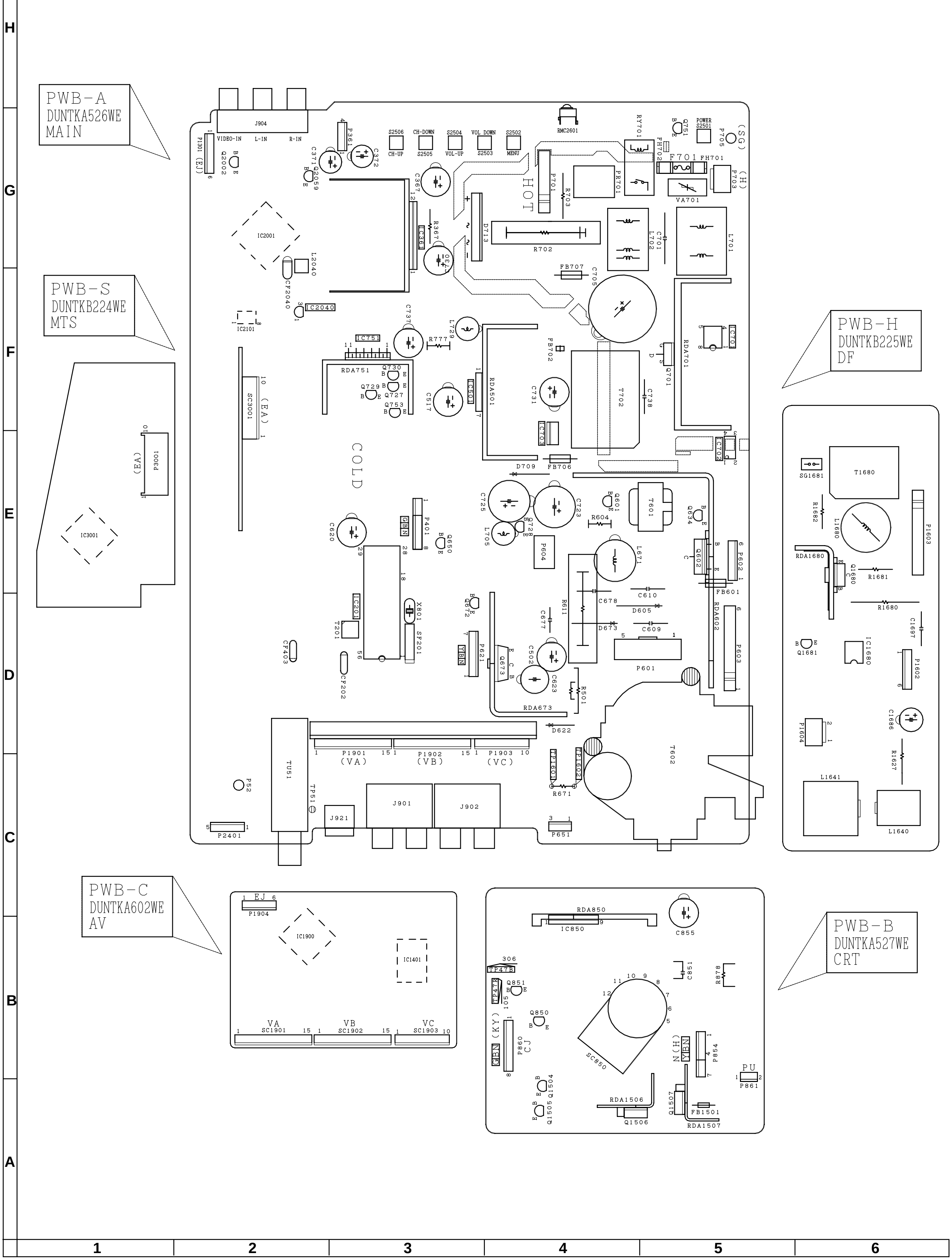
P-IN-P FREERUN

1. Receive a good local channel.
2. Enter the service mode and select the service adjustment "P07".
3. Adjust data value to "0B".

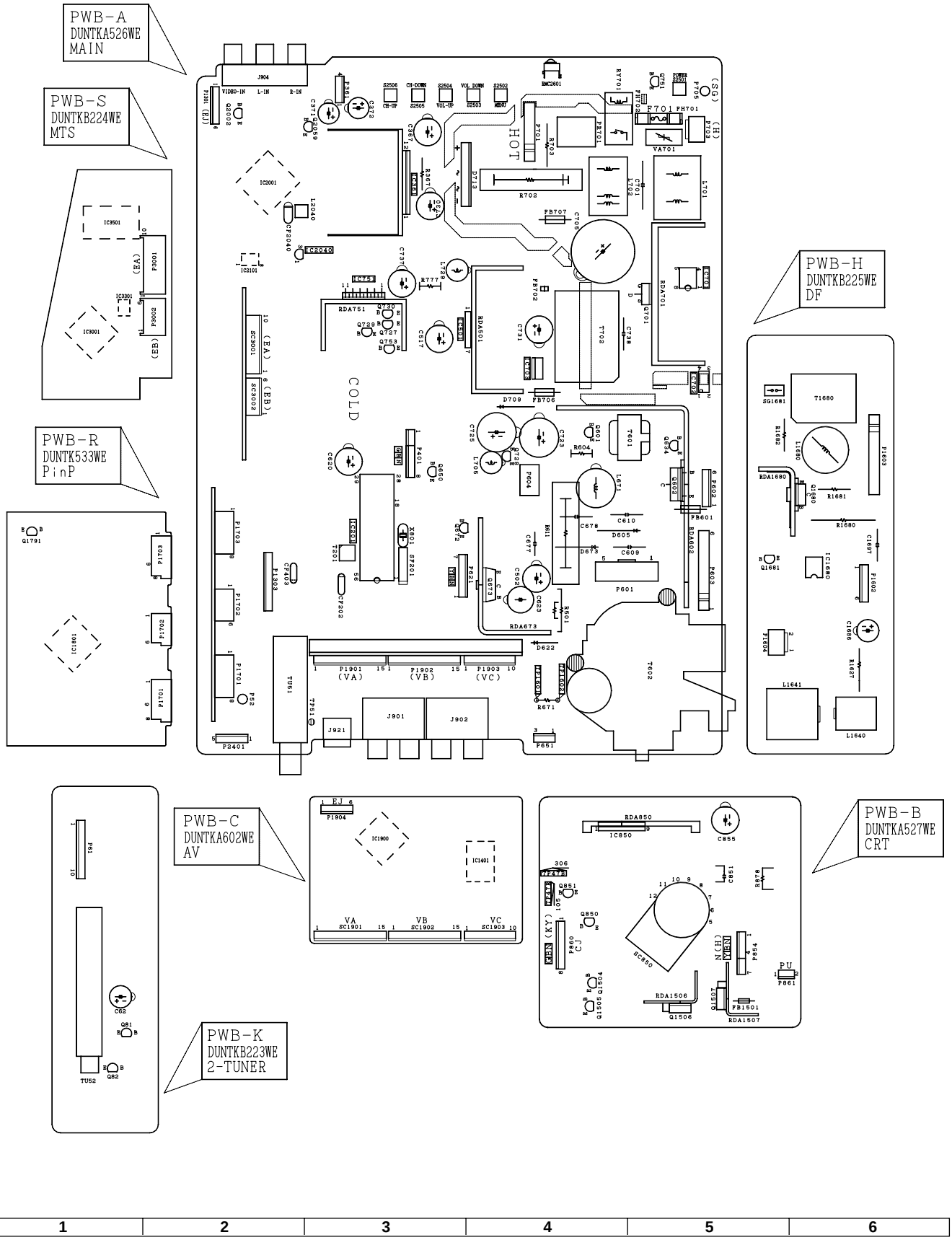
P-IN-P TINT INPUT Adjustment

1. Receive an AV/Component input signal.
2. Enter the service mode and select the service adjustment "P08".
3. Adjust data value to "24".

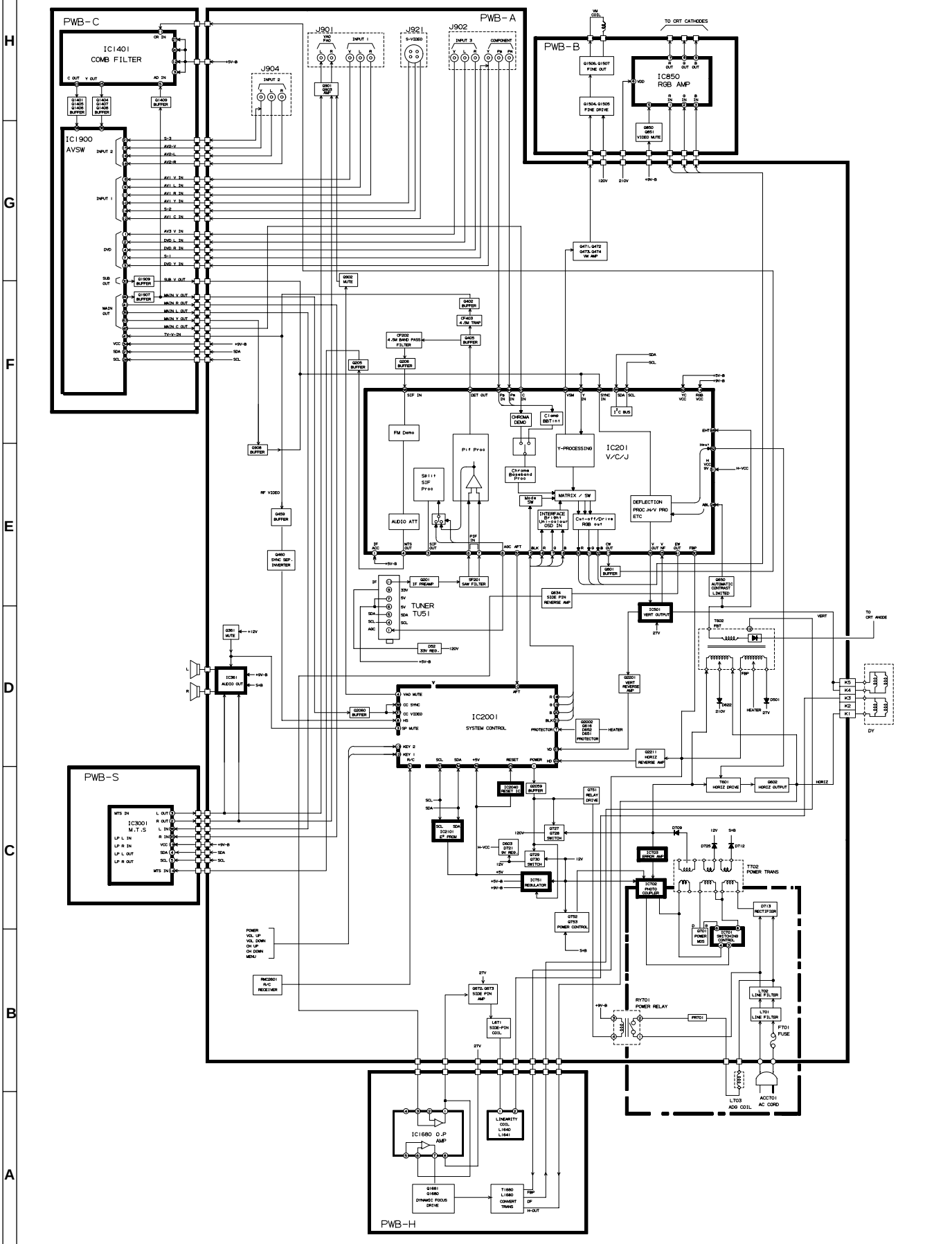
MODEL 27U-F500 CHASSIS LAYOUT



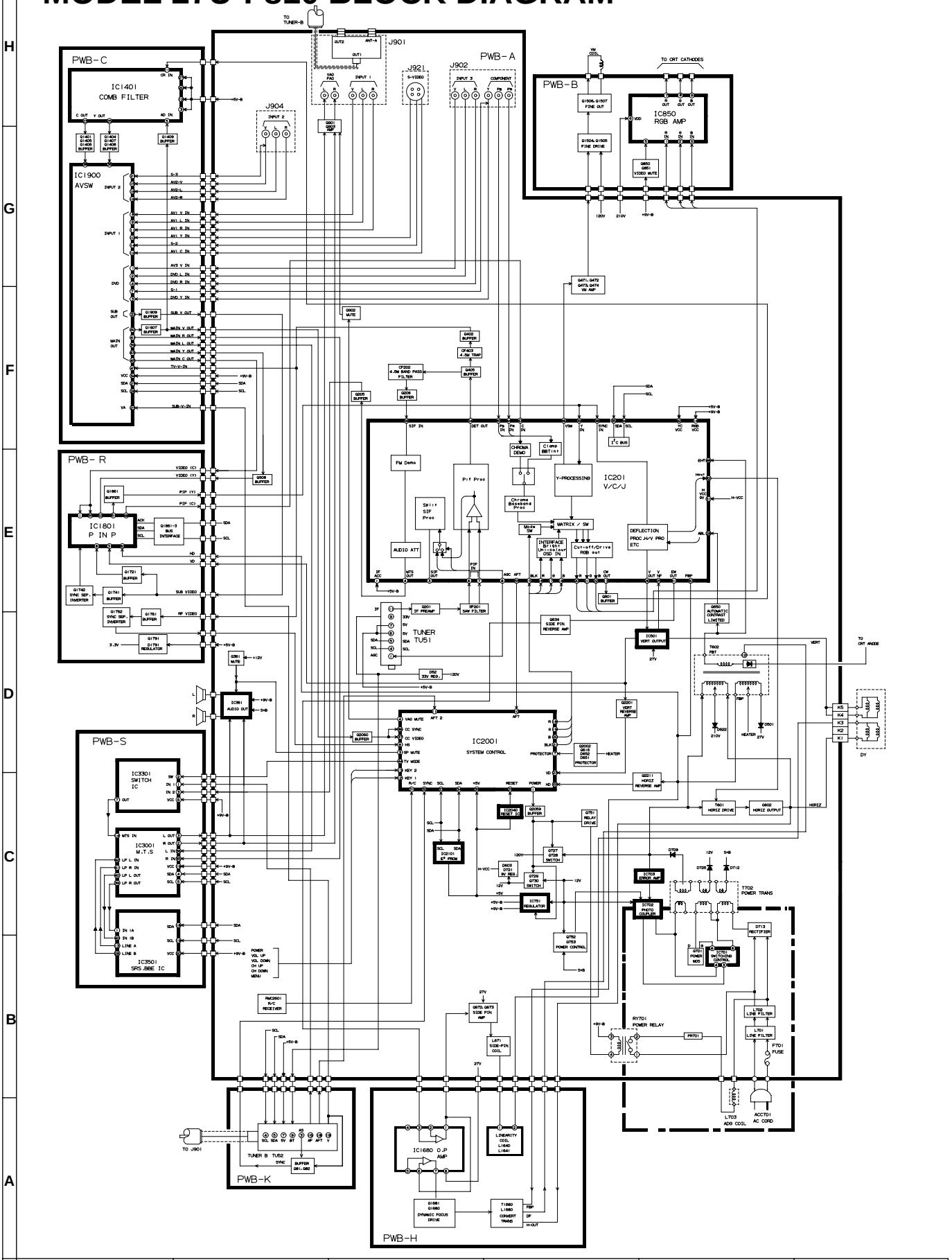
MODEL 27U-F810 CHASSIS LAYOUT



MODEL 27U-F500 BLOCK DIAGRAM



MODEL 27U-F810 BLOCK DIAGRAM



DESCRIPTION OF SCHEMATIC DIAGRAM

NOTES:

1. *The unit of resistance "ohm" is omitted. (K=kΩ=1000Ω, M=MΩ)*
2. *All resistors are 1/16 watt, unless otherwise noted.*
3. *All capacitors are μ F, unless otherwise noted. (P=pF=μμF)*
4. *(G) indicates ±2% tolerance may be used.*
5. ⏚ *indicates line isolated ground.*

VOLTAGE MEASUREMENT CONDITIONS:

1. *All DC voltages are measured with DVM connected between points indicated and chassis ground, line voltage set at 120V AC and all controls set for normal picture unless otherwise indicated.*
2. *All voltages measured with 1000μ V B & W or Color signal.*

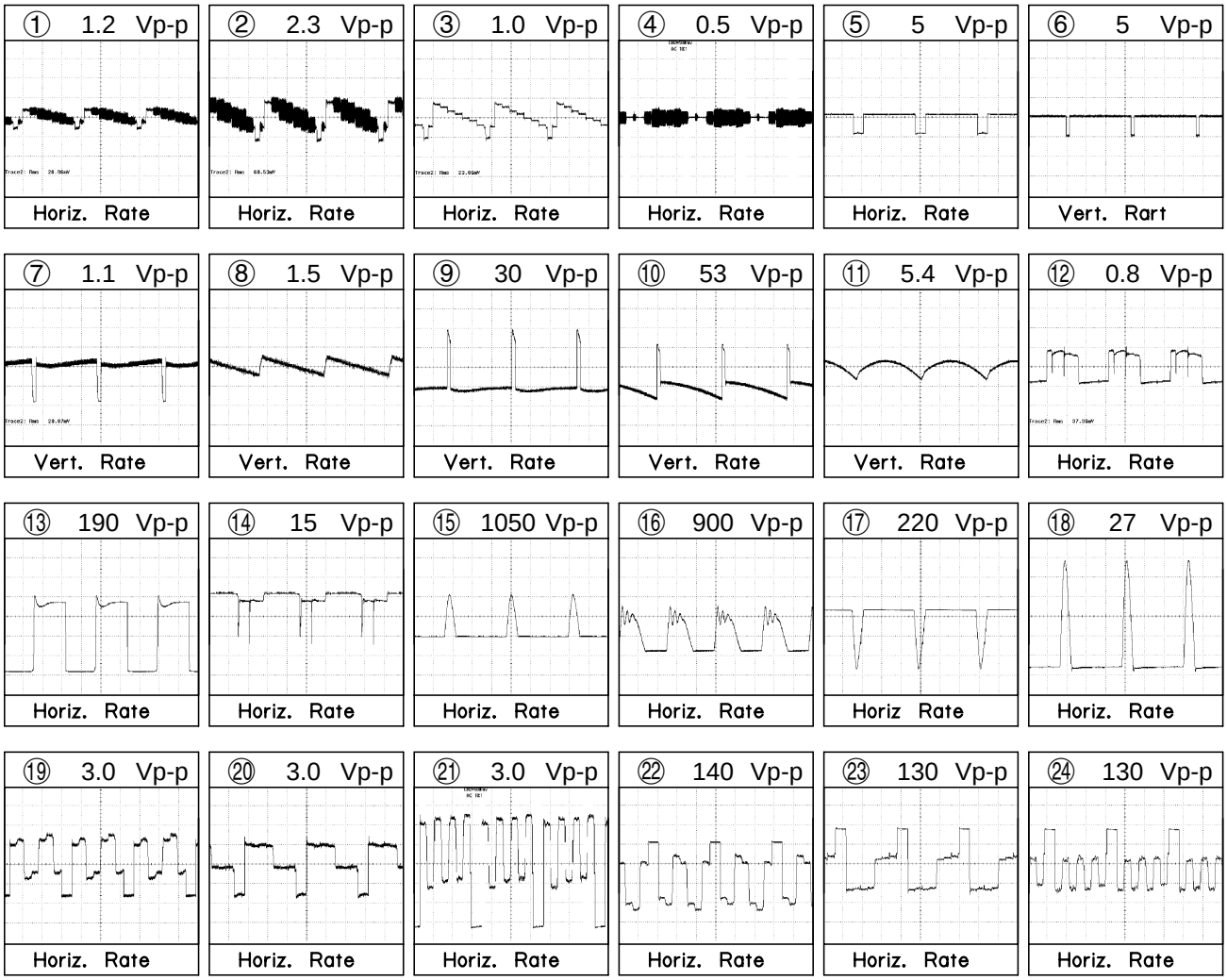
WAVEFORM MEASUREMENT CONDITIONS:

1. *Photographs taken on a standard gated color bar signal, the tint setting adjusted for proper color. The wave shapes at the red, green and blue cathodes of the picture tube depend on the tint, color level and picture control.*
2. *indicates waveform check points (See chart, waveforms are measured from point indicated to chassis ground.)*

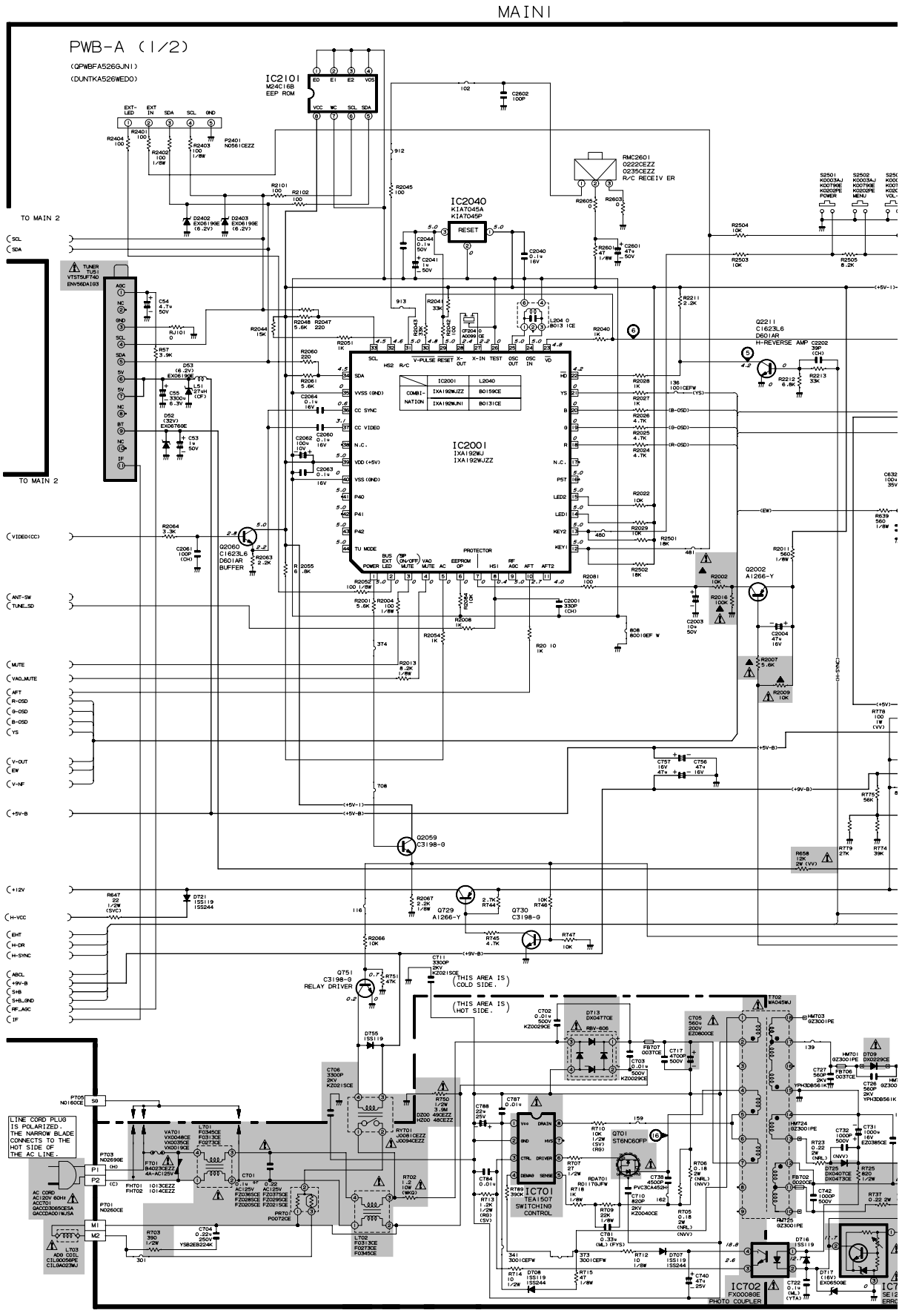
⚠ *AND SHADED ( ) COMPONENTS = SAFETY RELATED PARTS.*
▲ *MARK= X-RAY RELATED PARTS.*

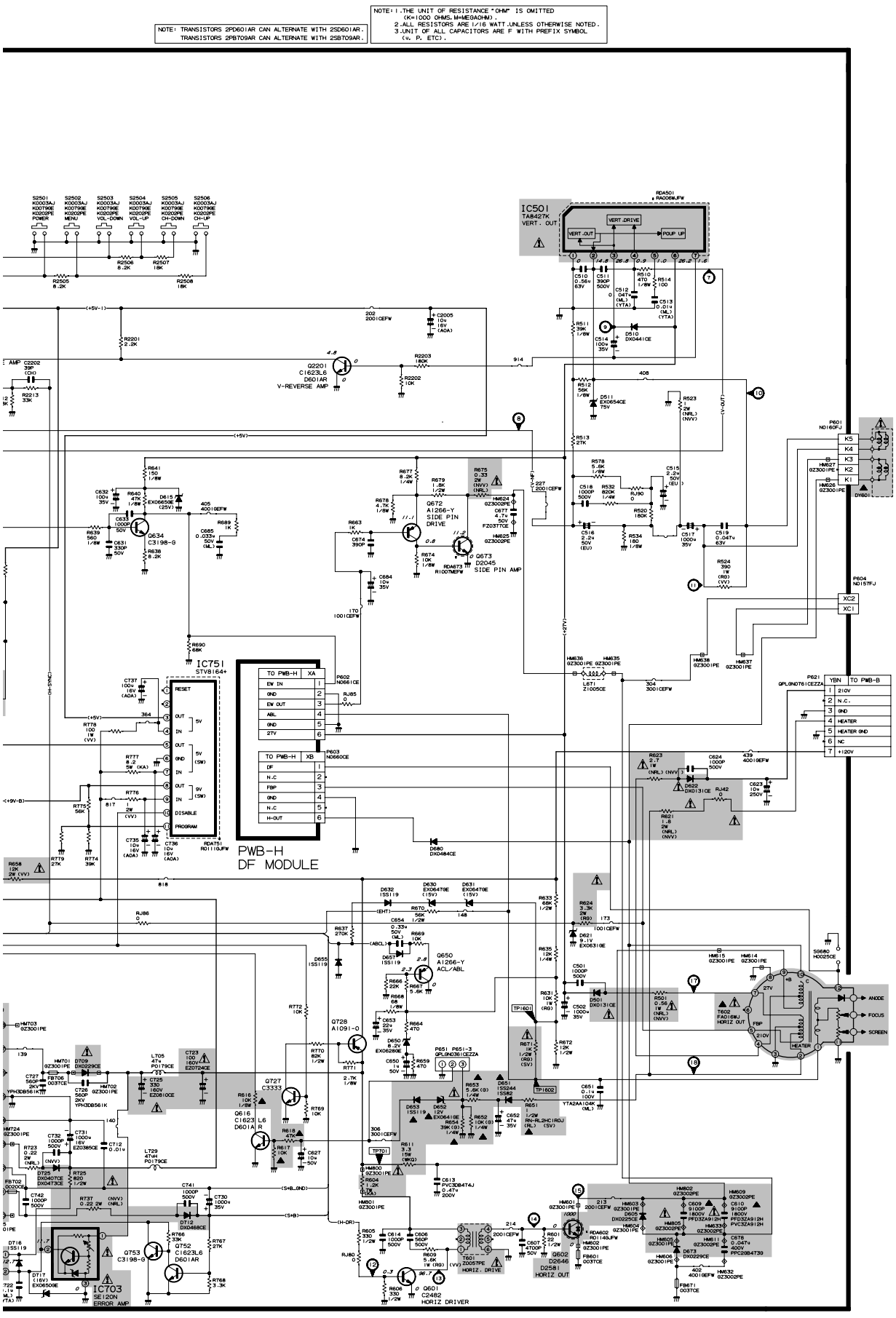
This circuit diagram is a standard one, printed circuits may be subject to change for product improvement without prior notice.

WAVEFORMS



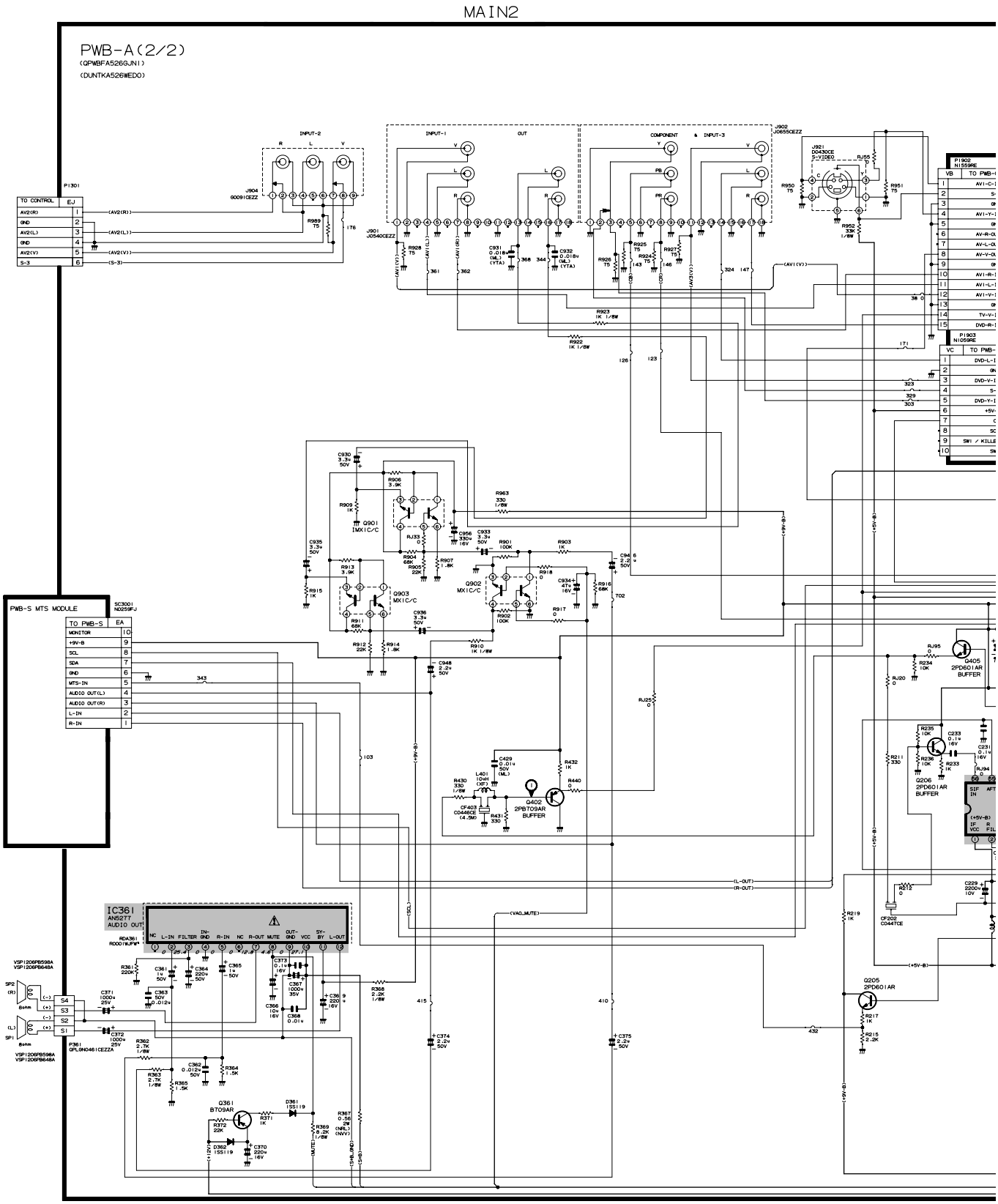
MODEL 27U-F500 SCHEMATIC DIAGRAM: MAIN-1 Unit





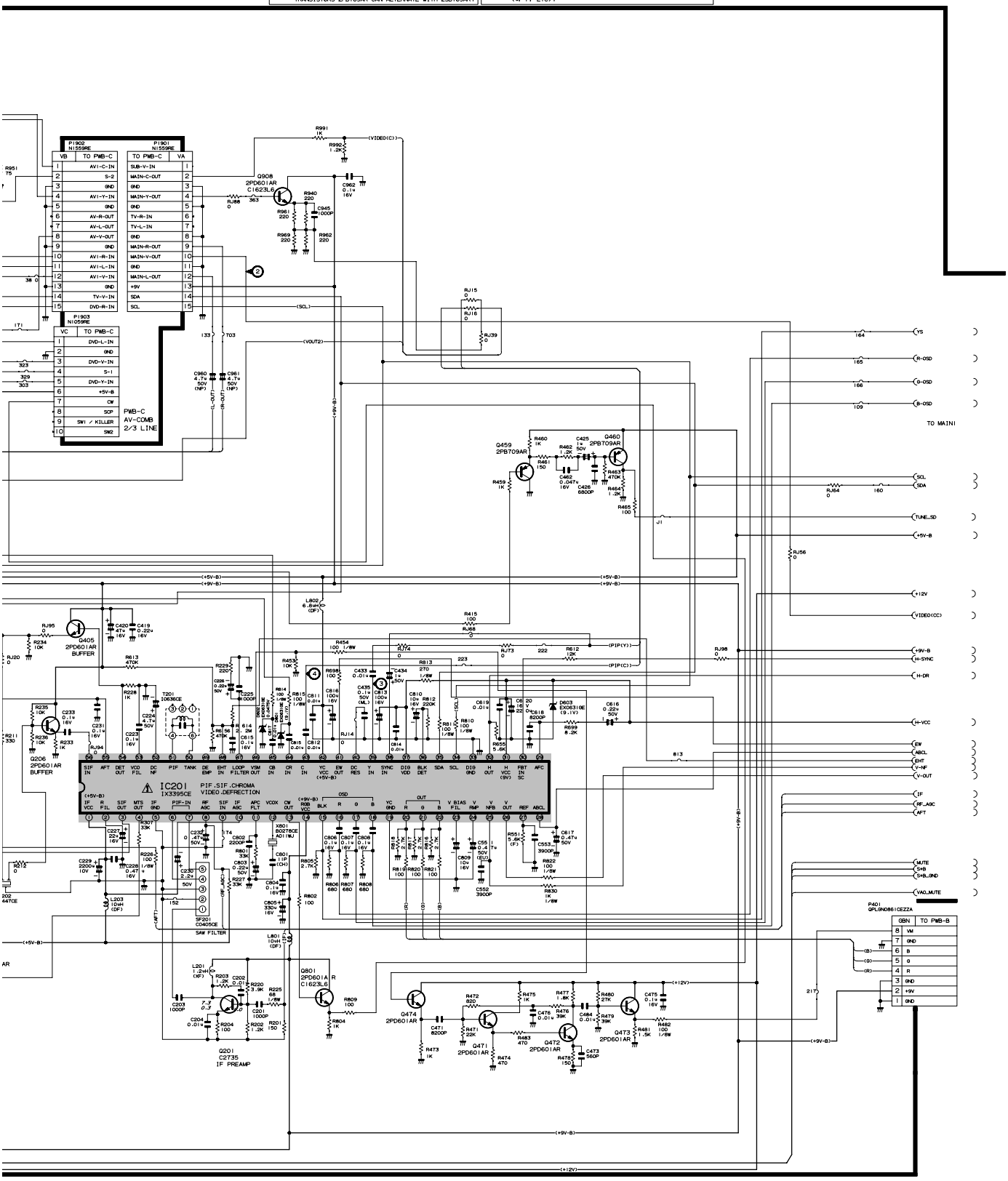
10	11	12	13	14	15	16	17	18	19

MODEL 27U-F500 SCHEMATIC DIAGRAM: MAIN-2 Unit



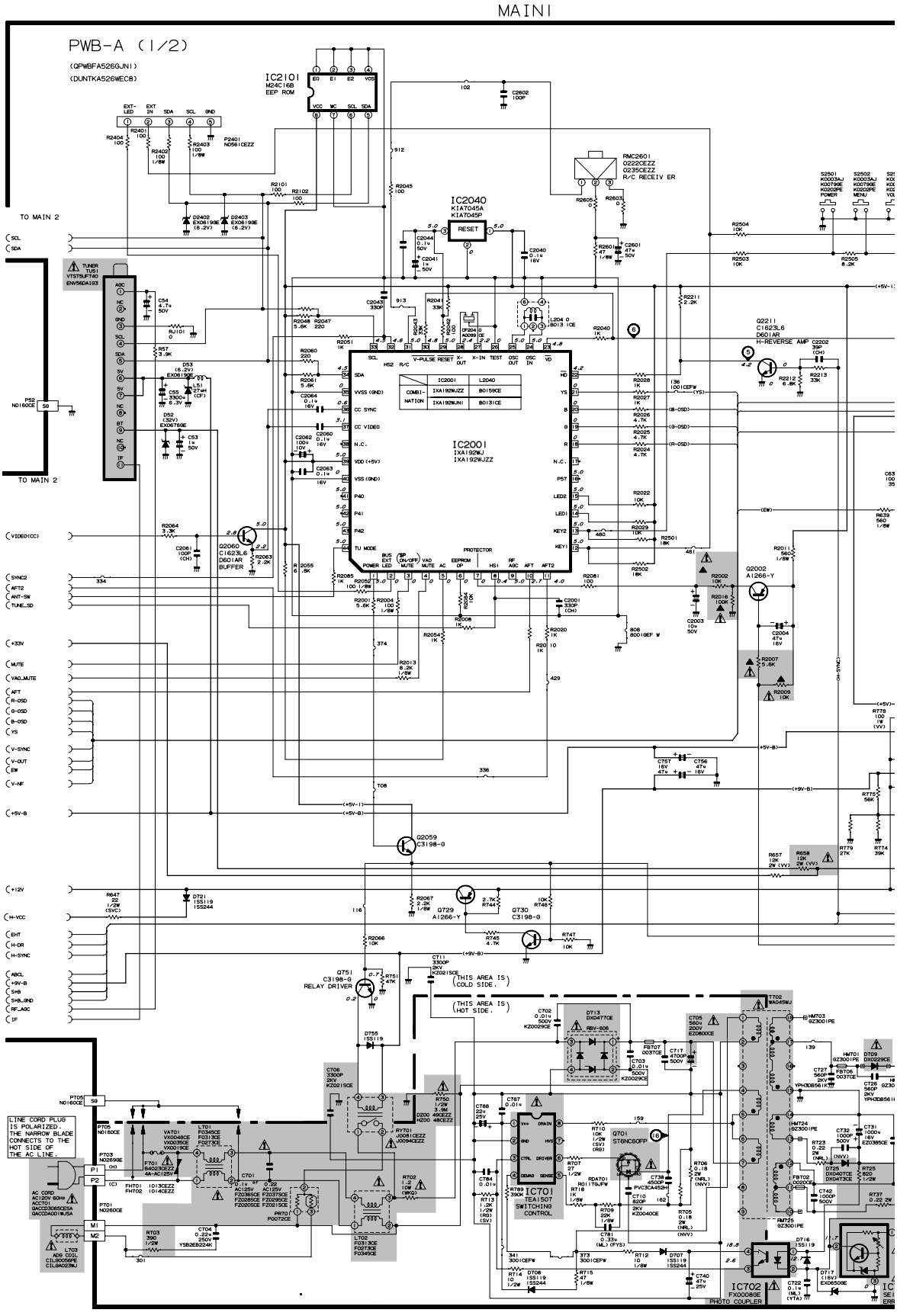
NOTE: TRANSISTORS 2PD601AR CAN ALTERNATE WITH 2SD601AR.
TRANSISTORS 2PB709AR CAN ALTERNATE WITH 2SB709AR.

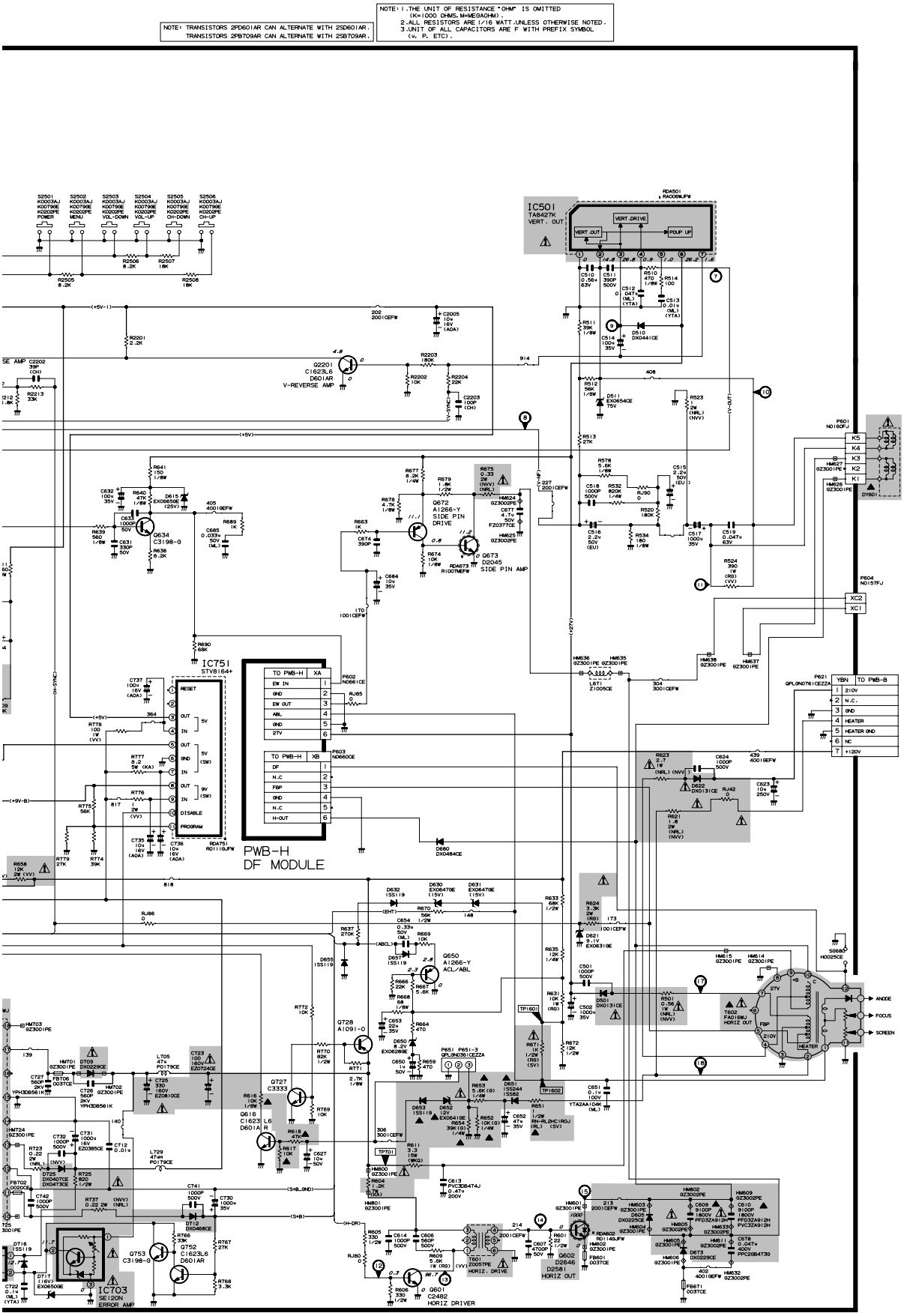
NOTE: 1.THE UNIT OF RESISTANCE "OHM" IS OMITTED
(K=1000 OHMS, M=MEGAOHM).
2.ALL RESISTORS ARE 1/16 WATT UNLESS OTHERWISE NOTED.
3.UNIT OF ALL CAPACITORS ARE F WITH PREFIX SYMBOL
(u, P, ETC).



10	11	12	13	14	15	16	17	18	19

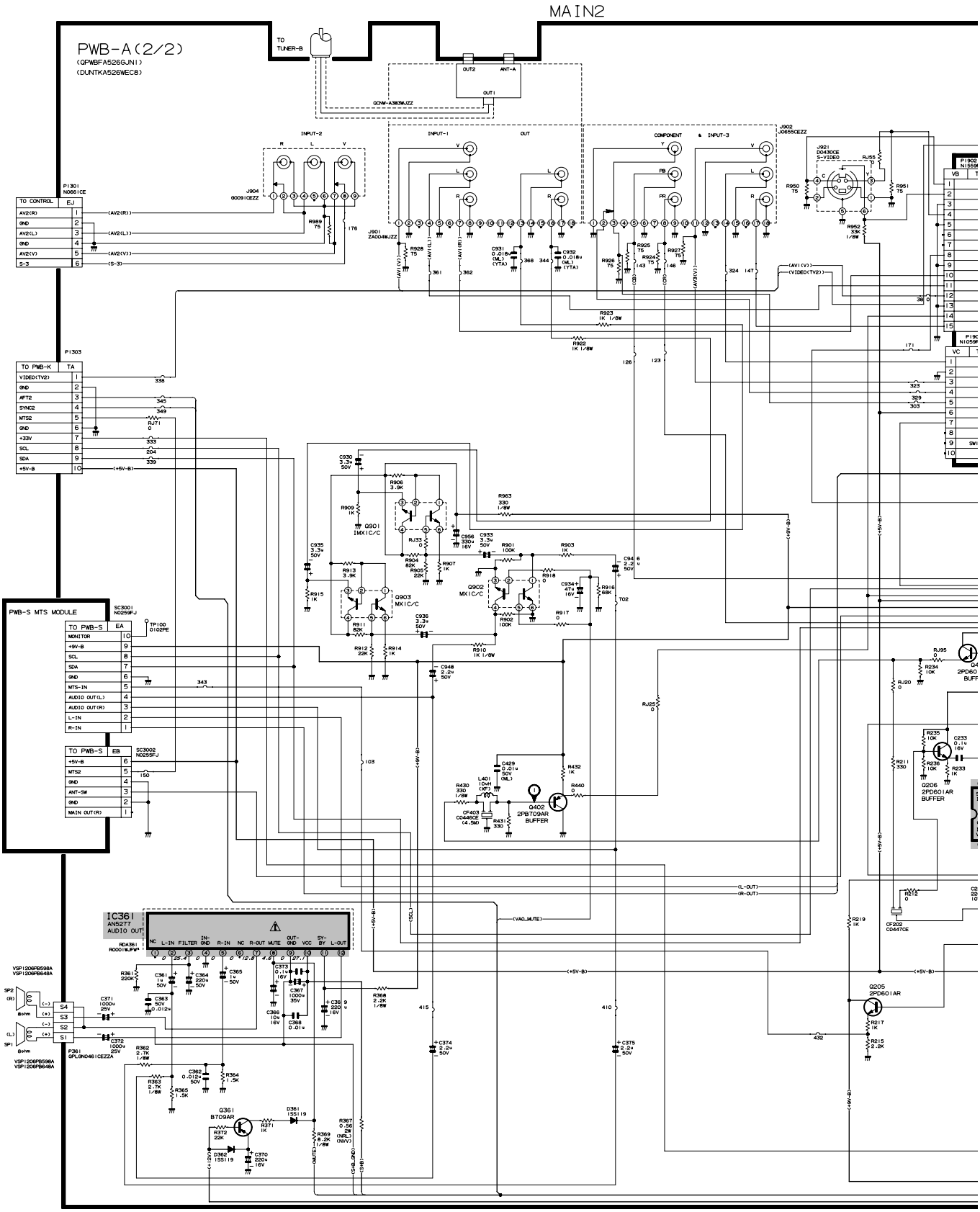
MODEL 27U-F810 SCHEMATIC DIAGRAM: MAIN-1 Unit

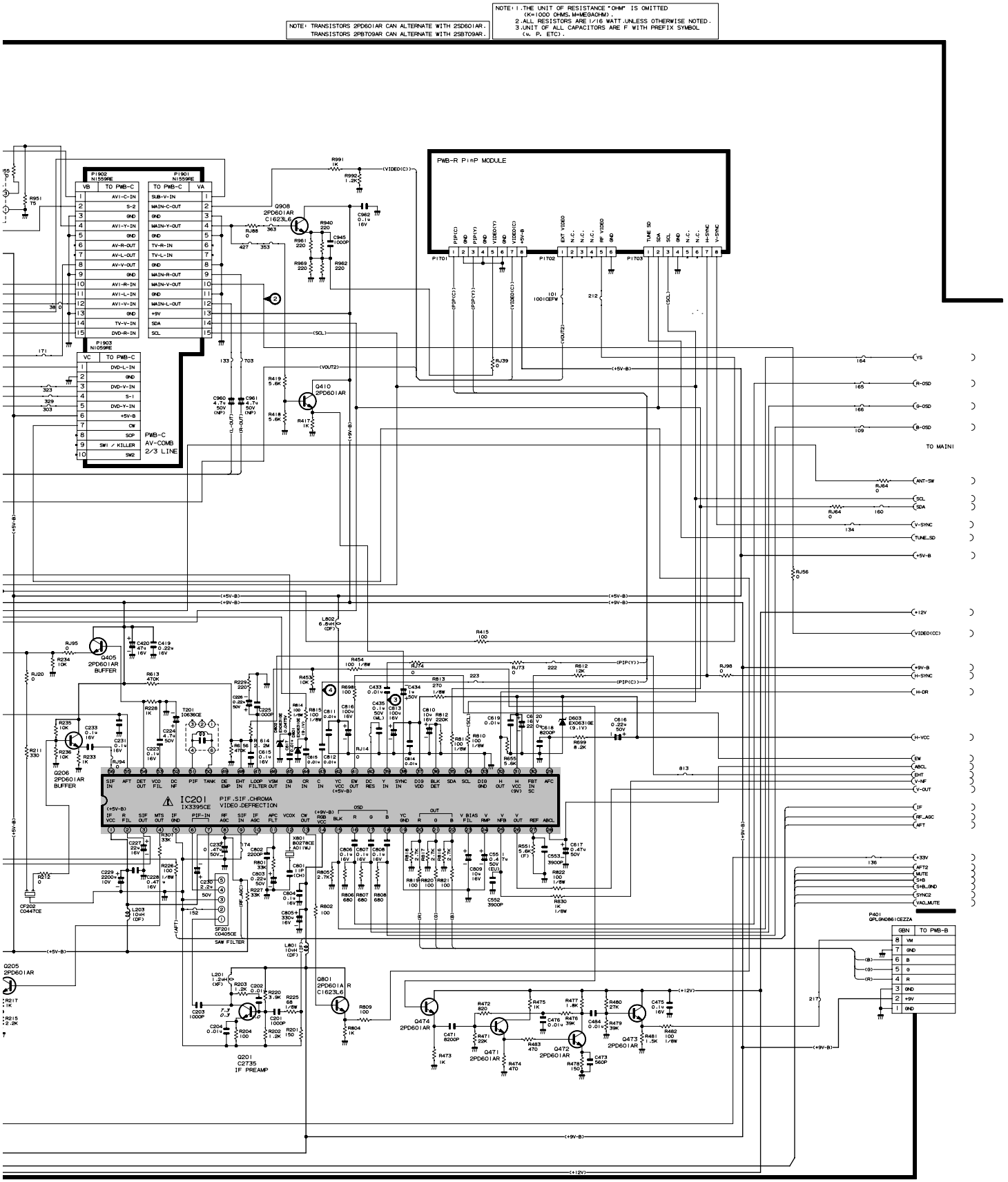




10	11	12	13	14	15	16	17	18	19

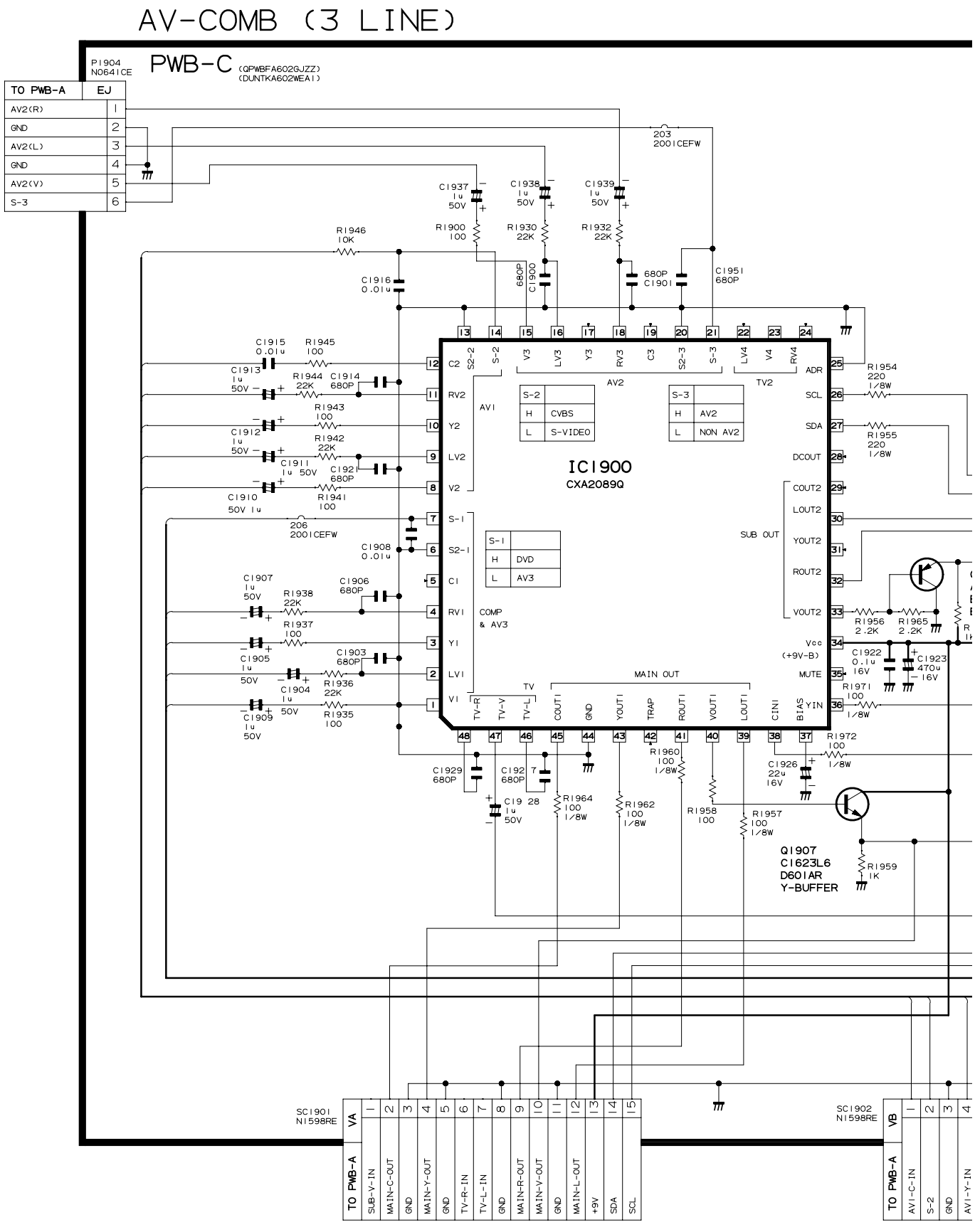
MODEL 27U-F810 SCHEMATIC DIAGRAM: MAIN-2 Unit





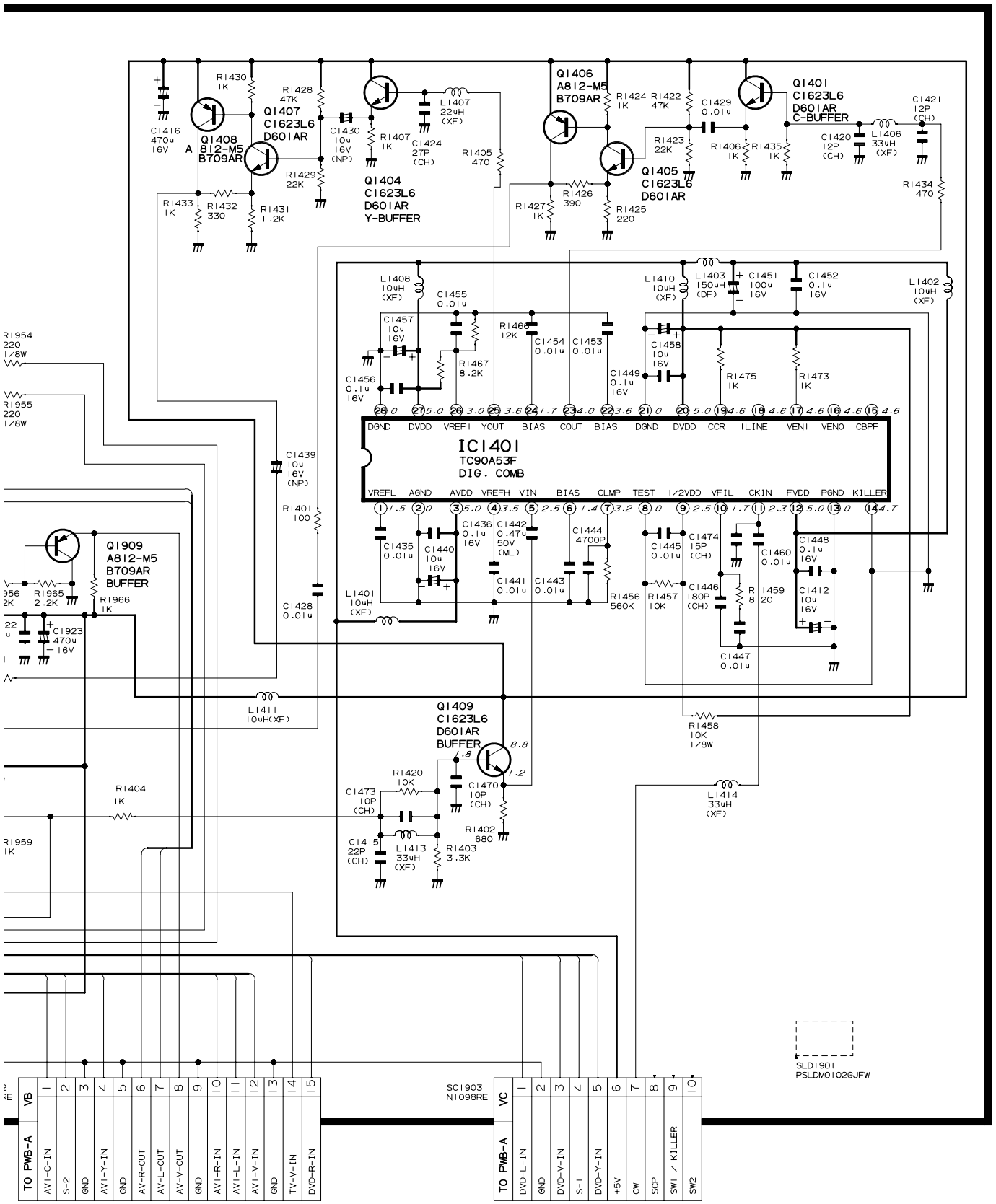
10	11	12	13	14	15	16	17	18	19

SCHEMATIC DIAGRAM: AV Unit



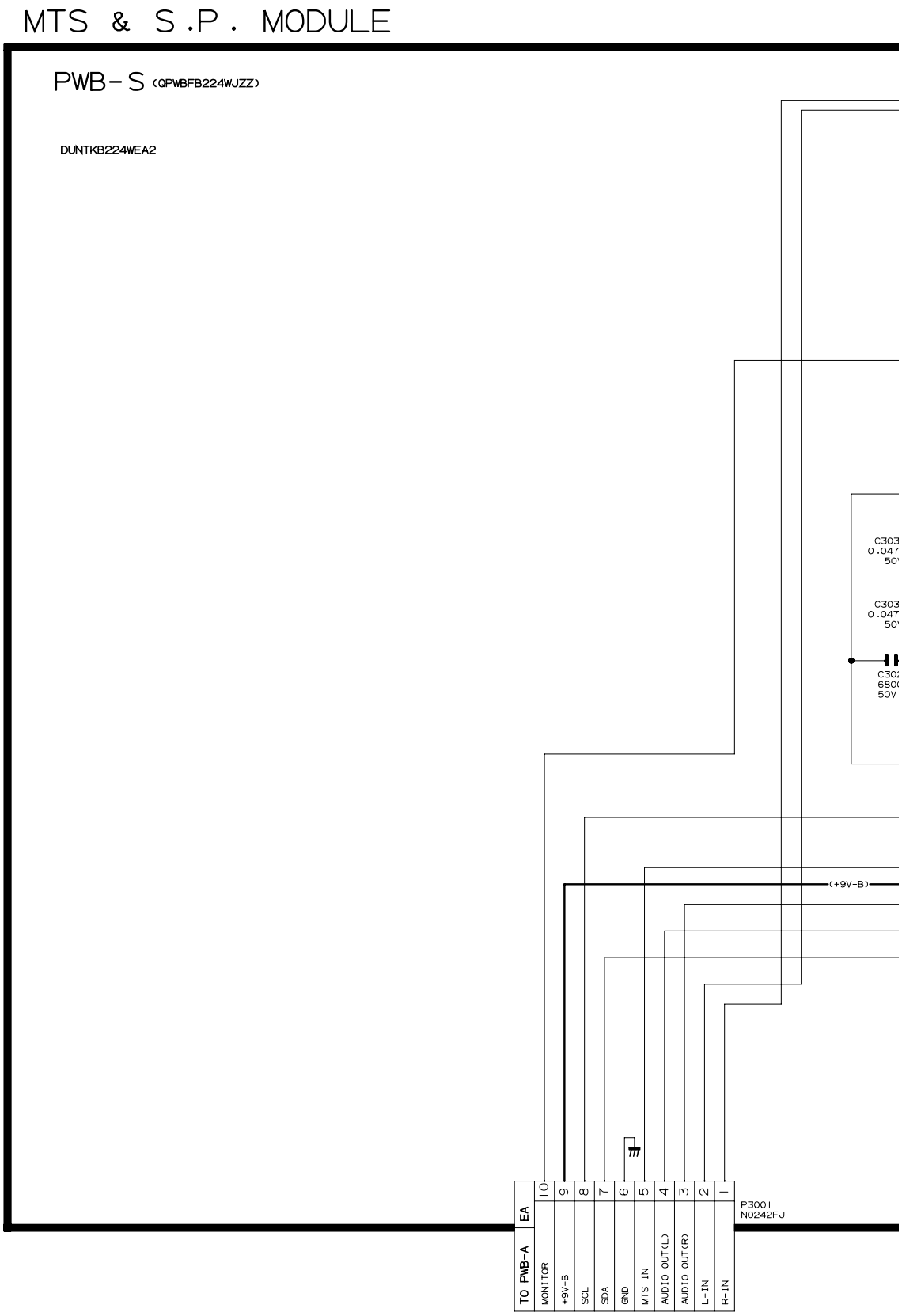
NOTE: TRANSISTORS 2PD601AR CAN ALTERNATE WITH 2SD601AR.
TRANSISTORS 2PB709AR CAN ALTERNATE WITH 2SB709AR.

NOTE: 1.THE UNIT OF RESISTANCE "OHM" IS OMITTED
(K=1000 OHMS, M=MEGAOHM).
2.ALL RESISTORS ARE 1/16 WATT.UNLESS OTHERWISE NOTED.
3.UNIT OF ALL CAPACITORS ARE F WITH PREFIX SYMBOL
(u, P, ETC).

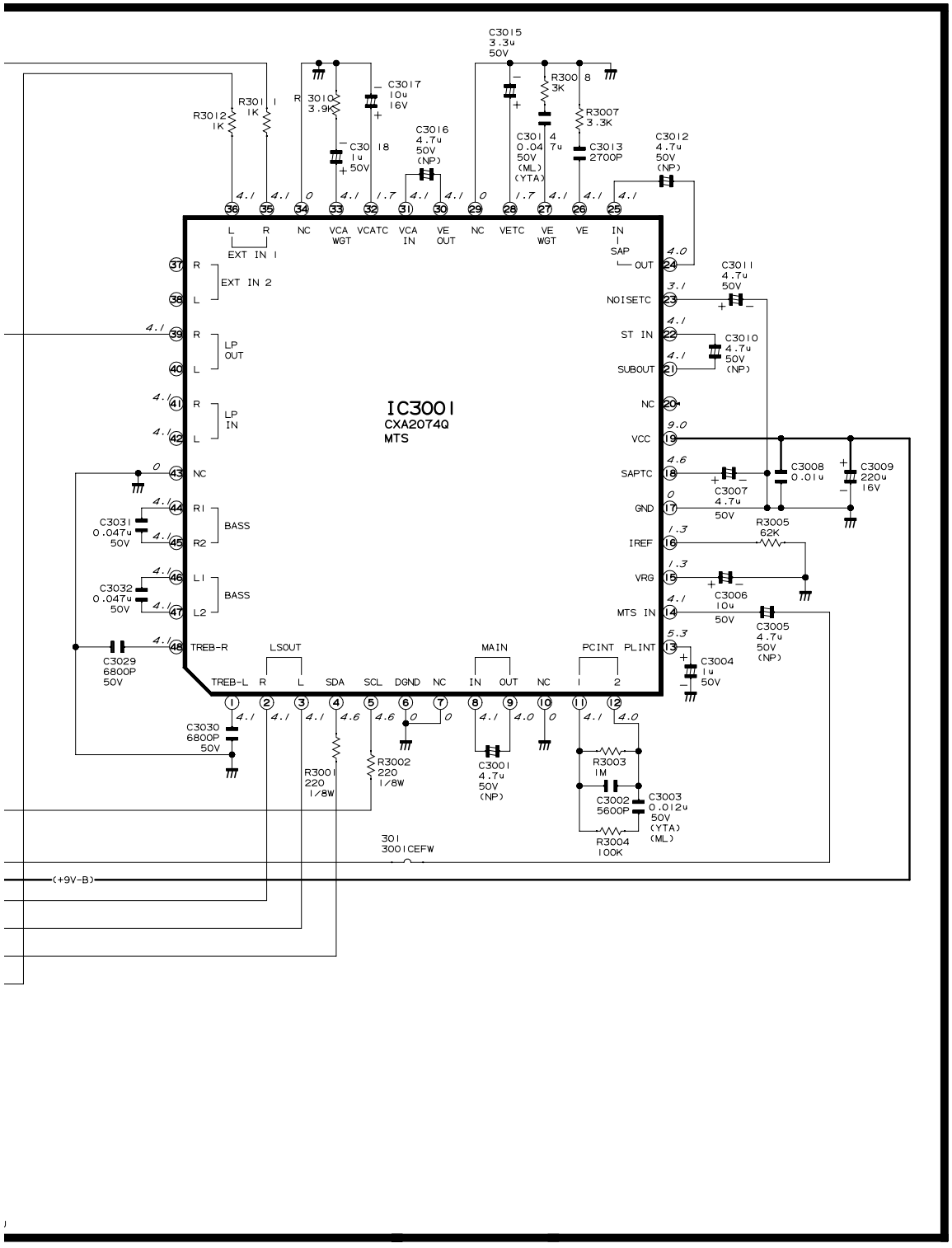


10	11	12	13	14	15	16	17	18	19

MODEL 27U-F500 SCHEMATIC DIAGRAM: MTS MODULE Unit

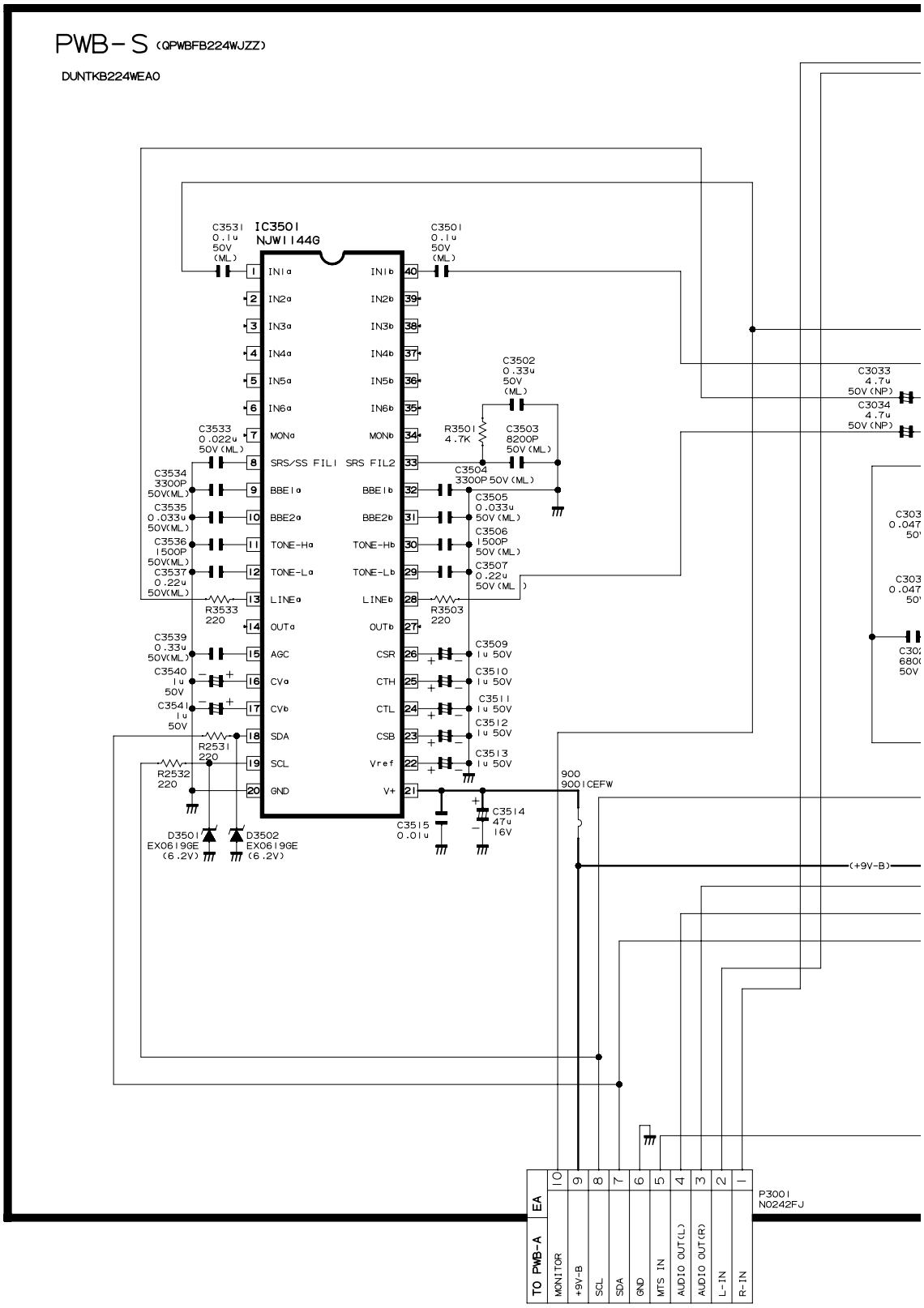


NOTE: 1.THE UNIT OF RESISTANCE "OHM" IS OMITTED
(K=1000 OHMS. M=MEGAOHM).
2.ALL RESISTORS ARE 1/16 WATT.UNLESS OTHERWISE NOTED.
3.UNIT OF ALL CAPACITORS ARE F WITH PREFIX SYMBOL
(u, P, ETC).

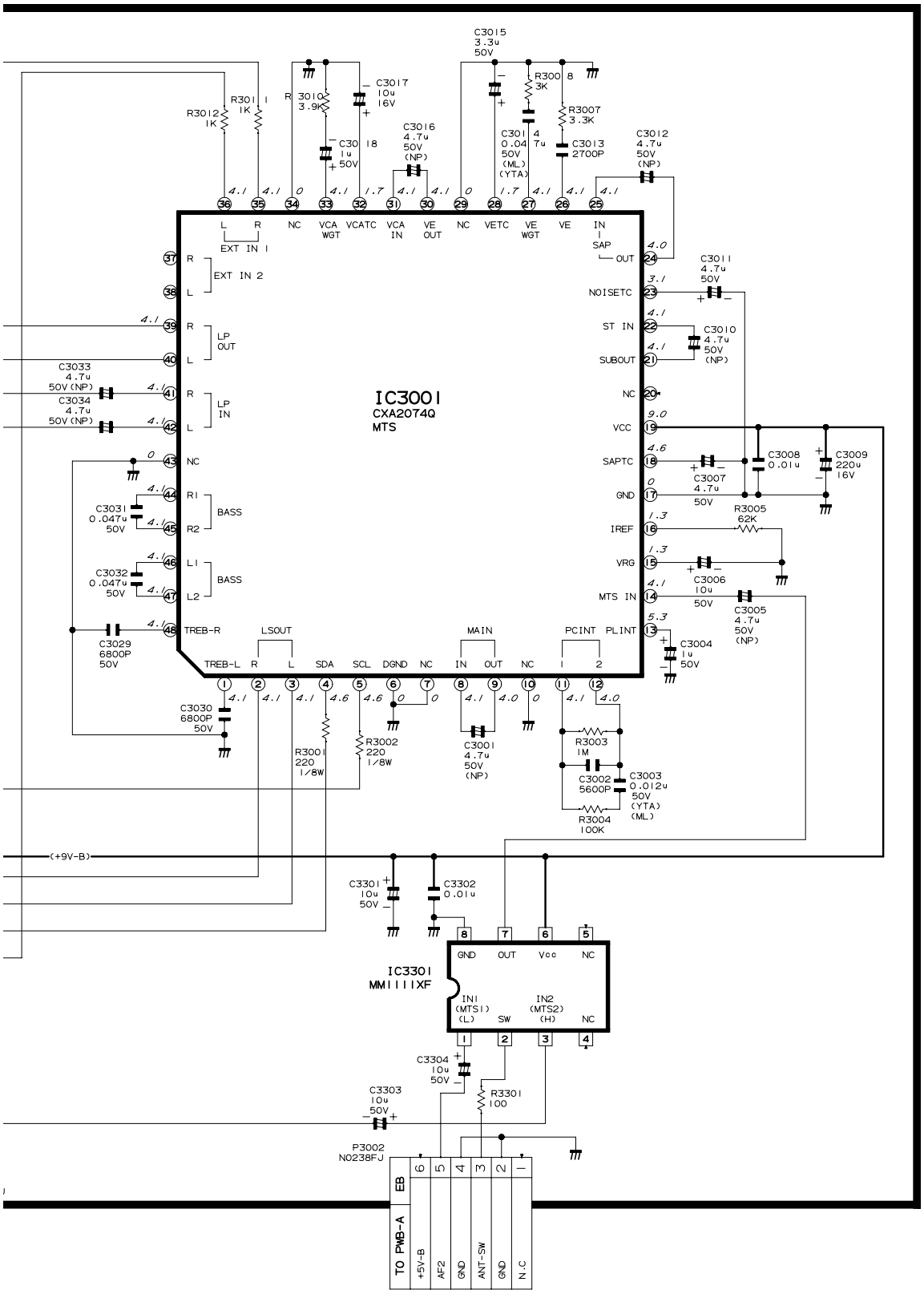


10	11	12	13	14	15	16	17	18	19

MODEL 27U-F810 SCHEMATIC DIAGRAM: MTS MODULE Unit

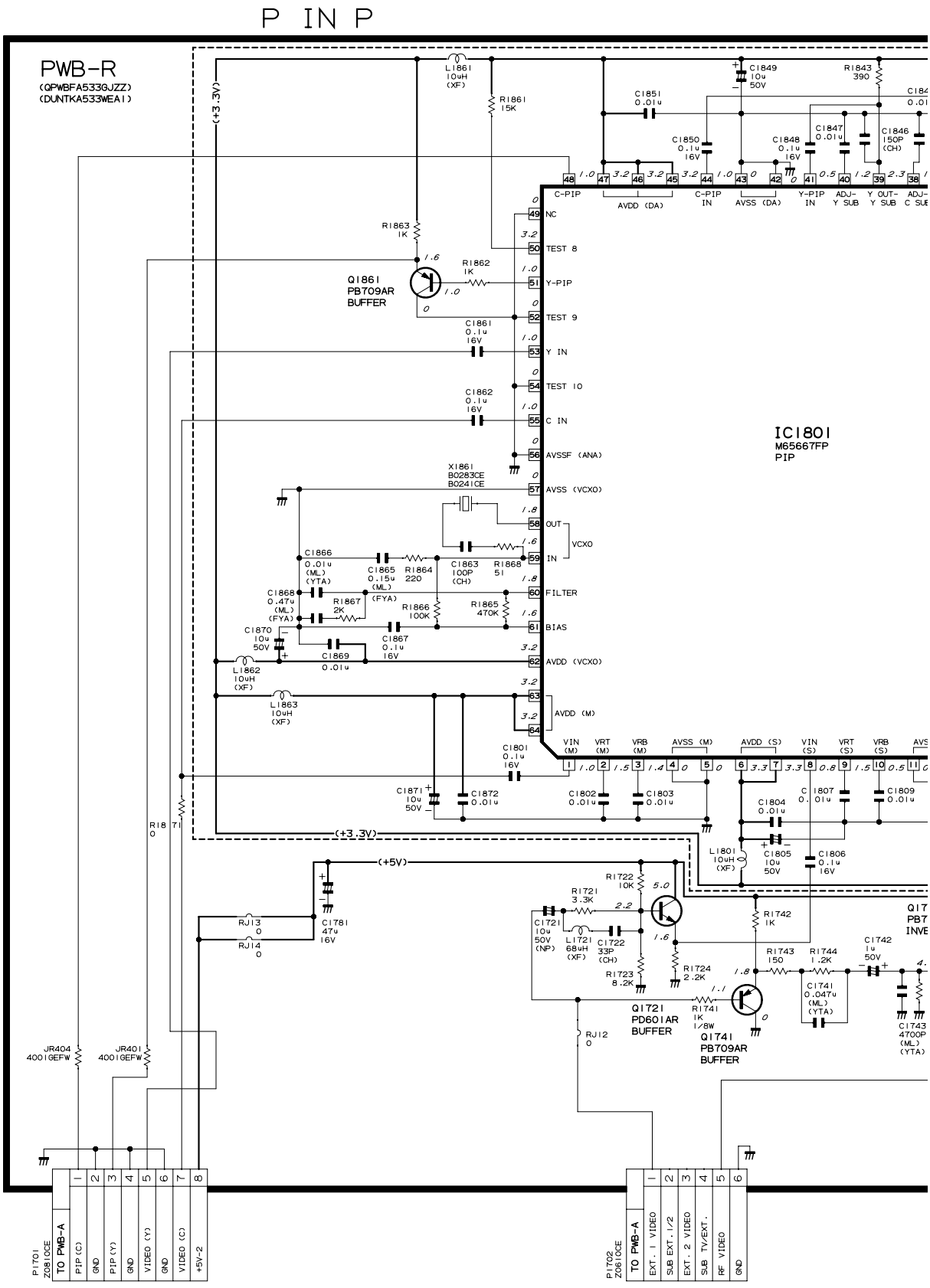


NOTE: 1.THE UNIT OF RESISTANCE "OHM" IS OMITTED
(K=1000 OHMS. M=MEGAOHM).
2.ALL RESISTORS ARE 1/16 WATT.UNLESS OTHERWISE NOTED.
3.UNIT OF ALL CAPACITORS ARE F WITH PREFIX SYMBOL
(u, P, ETC).



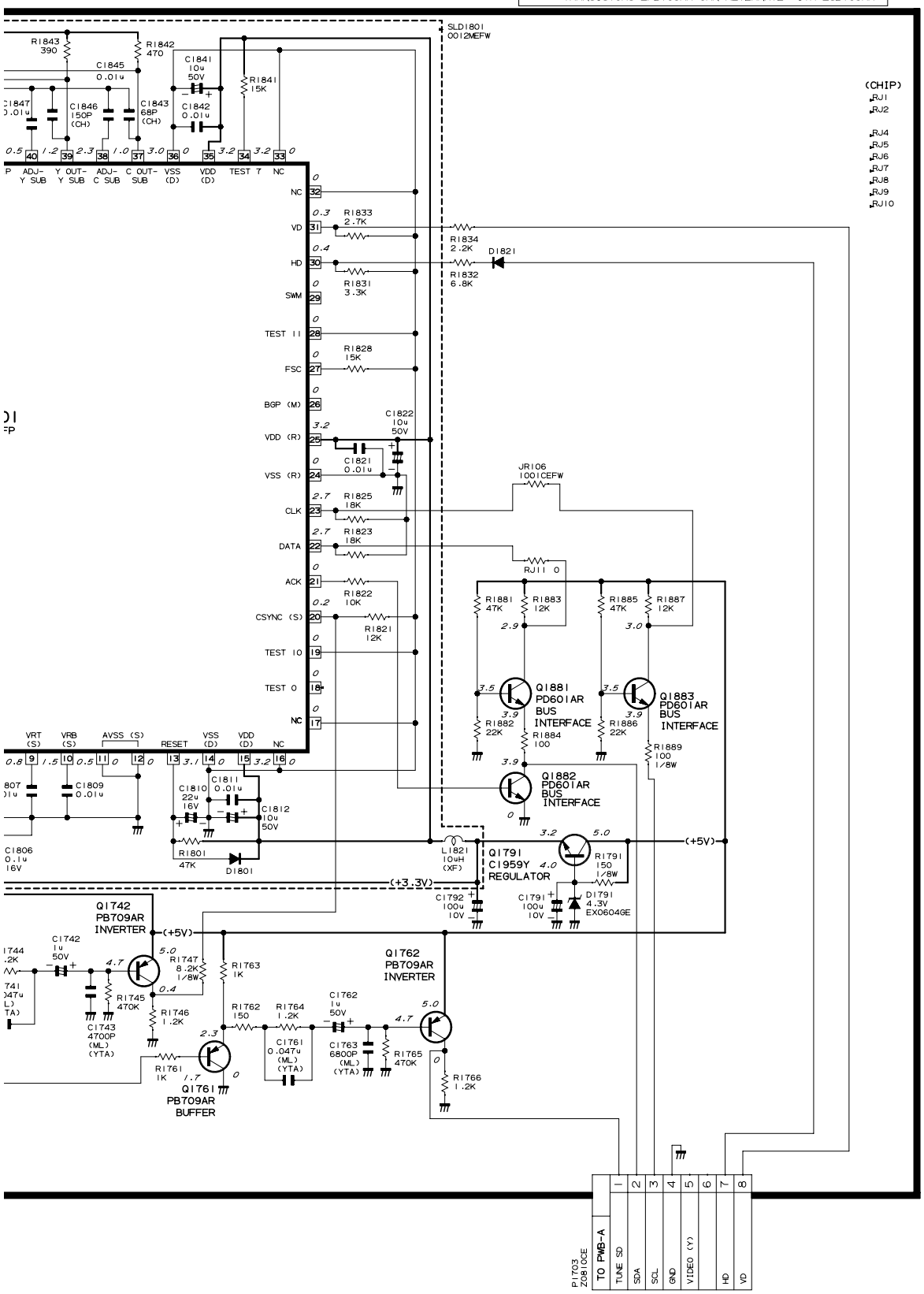
10	11	12	13	14	15	16	17	18	19

MODEL 27U-F810 SCHEMATIC DIAGRAM: P-IN-P Unit



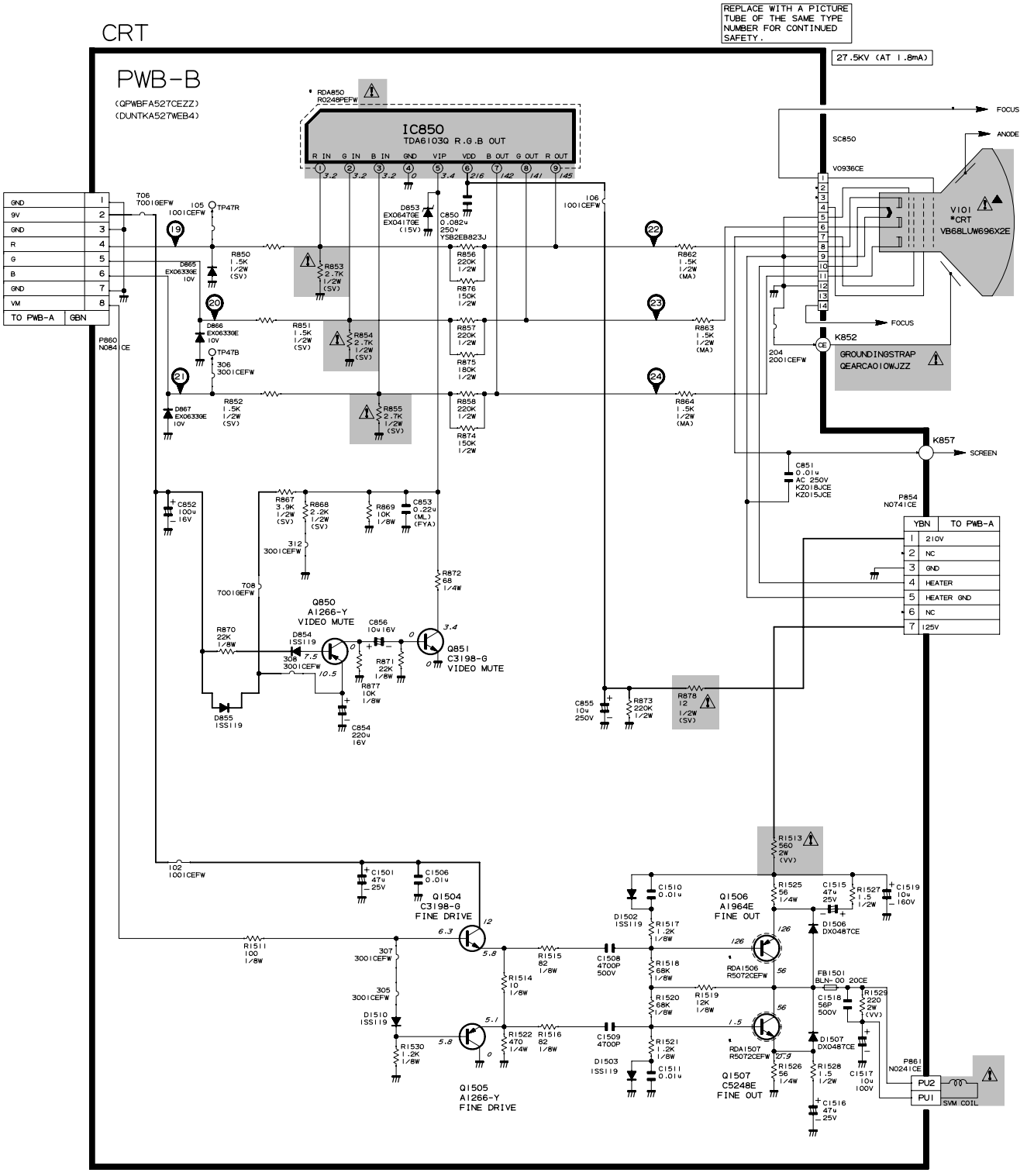
NOTE: 1.THE UNIT OF RESISTANCE "OHM" IS OMITTED
(K=1000 OHMS. M=MEGAOHM).
2.ALL RESISTORS ARE 1/16 WATT.UNLESS OTHERWISE NOTED.
3.UNIT OF ALL CAPACITORS ARE F WITH PREFIX SYMBOL
(u. P. ETC).

NOTE: ALL DIODES ARE "1SS119 / DX0475CE" UNLESS OTHERWISE SPECIFIED.
TRANSISTORS 2PD601AR CAN ALTERNATE WITH 2SD601AR.
TRANSISTORS 2PB709AR CAN ALTERNATE WITH 2SB709AR.

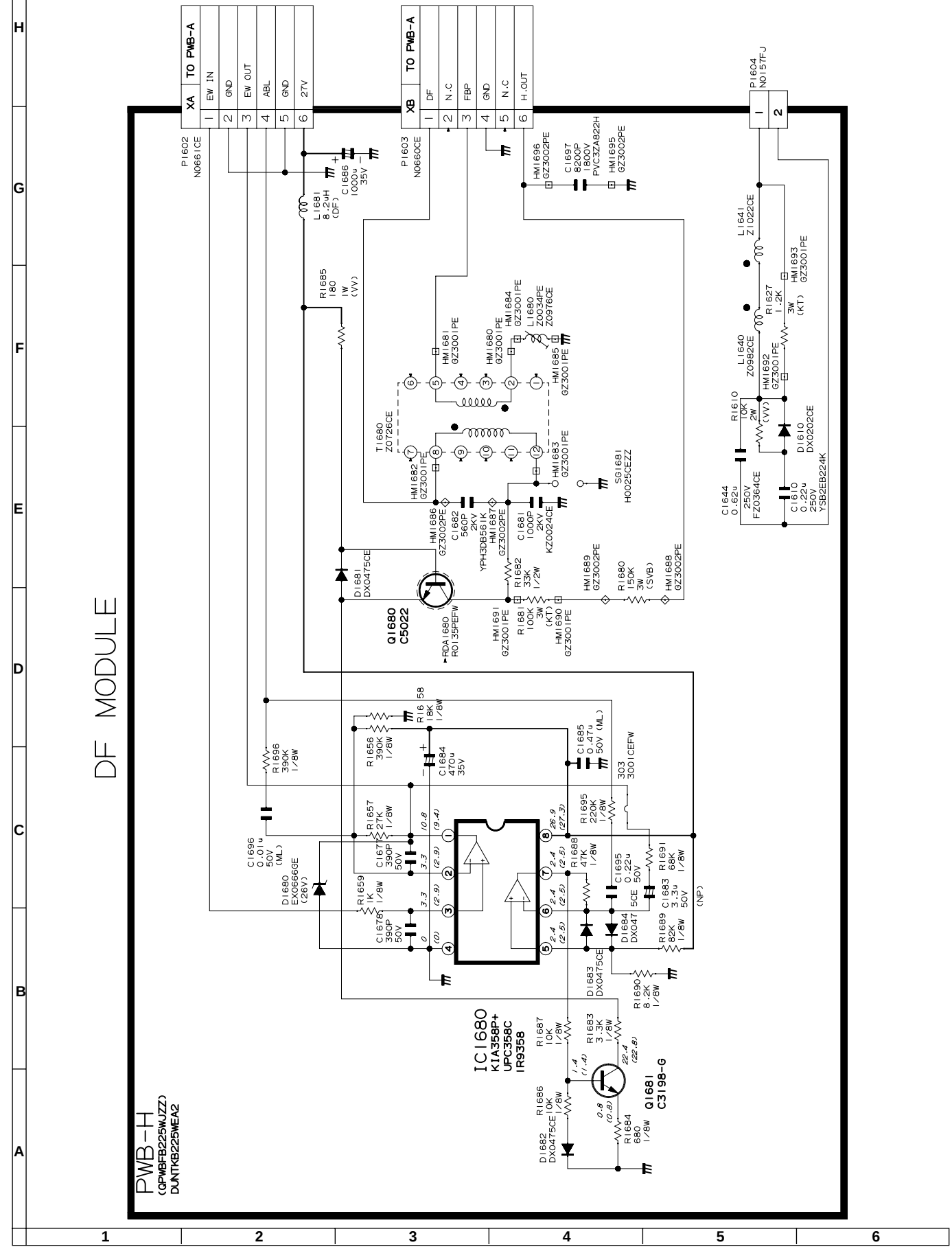


10	11	12	13	14	15	16	17	18	19

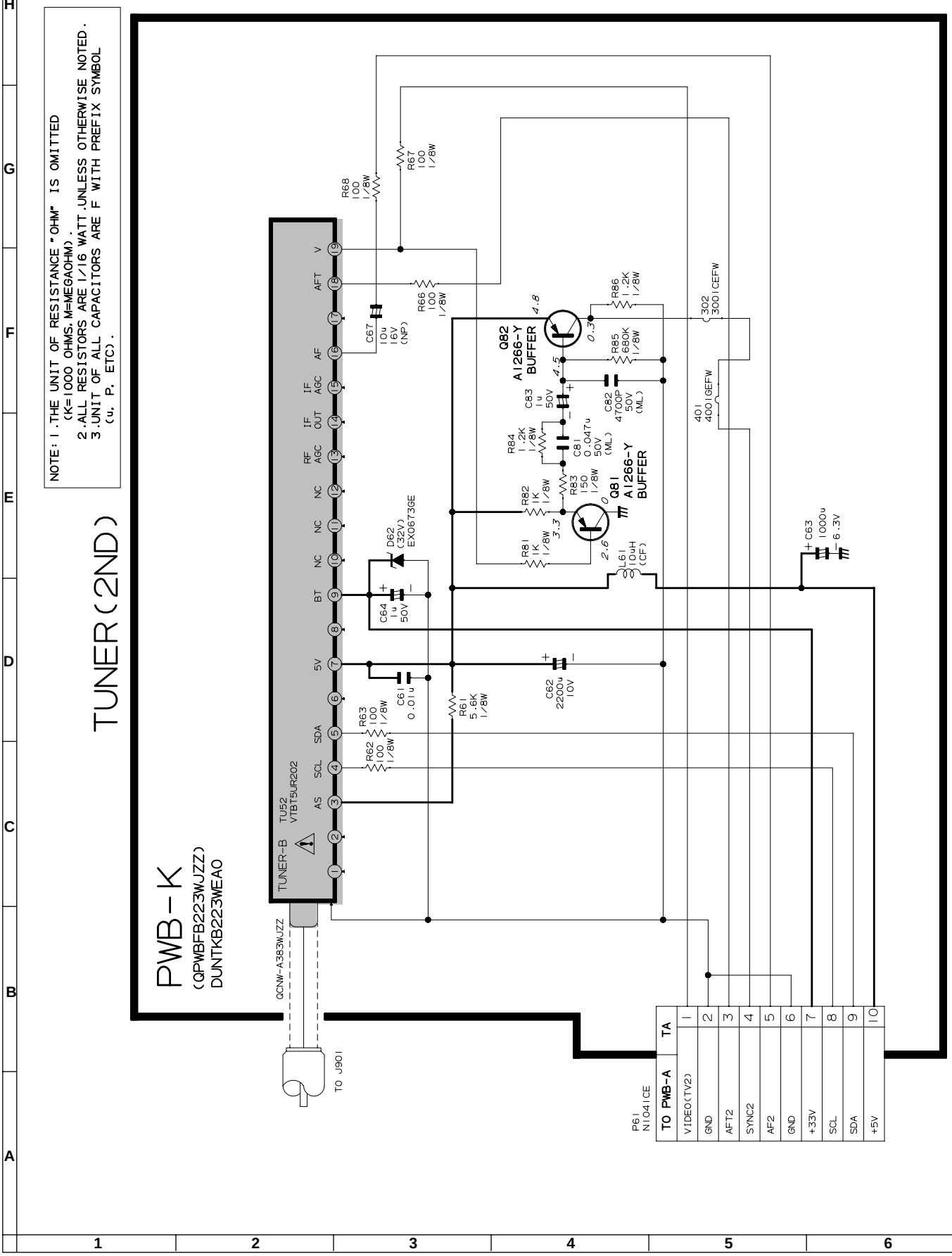
SCHEMATIC DIAGRAM: CRT Unit



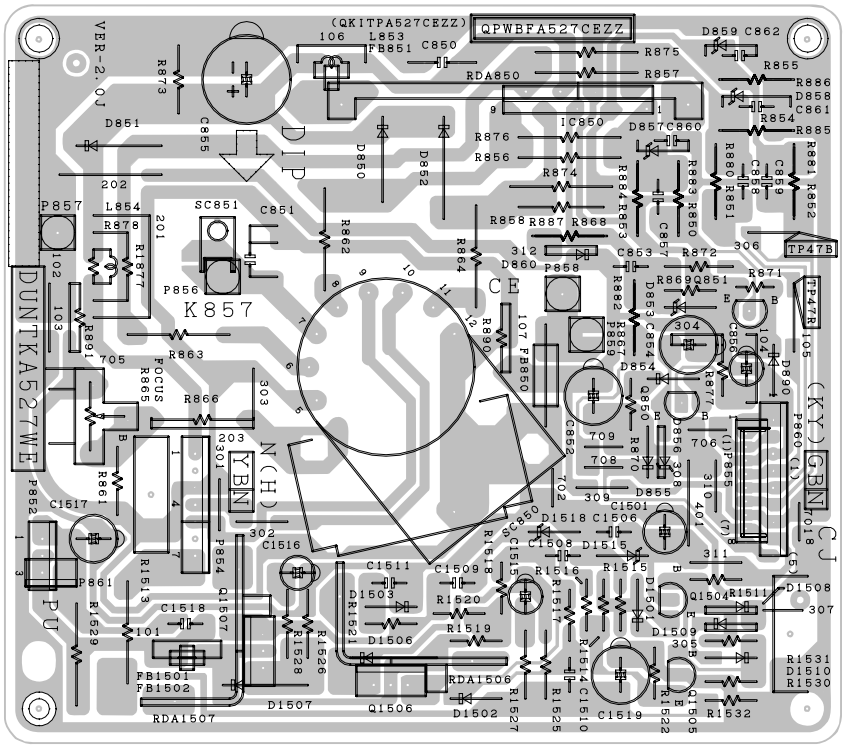
SCHEMATIC DIAGRAM: DF MODULE Unit



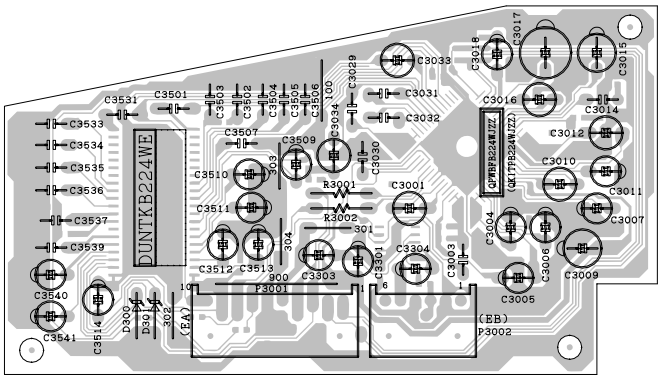
MODEL 27U-F810 SCHEMATIC DIAGRAM: 2-TUNER Unit



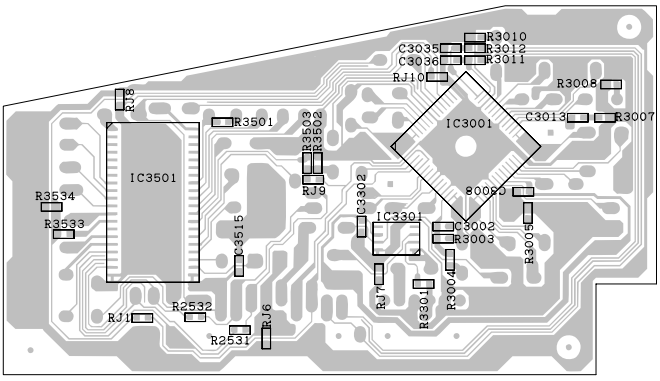
PRINTED WIRING BOARD ASSEMBLIES



PWB-B: CRT Unit (Wiring Side)

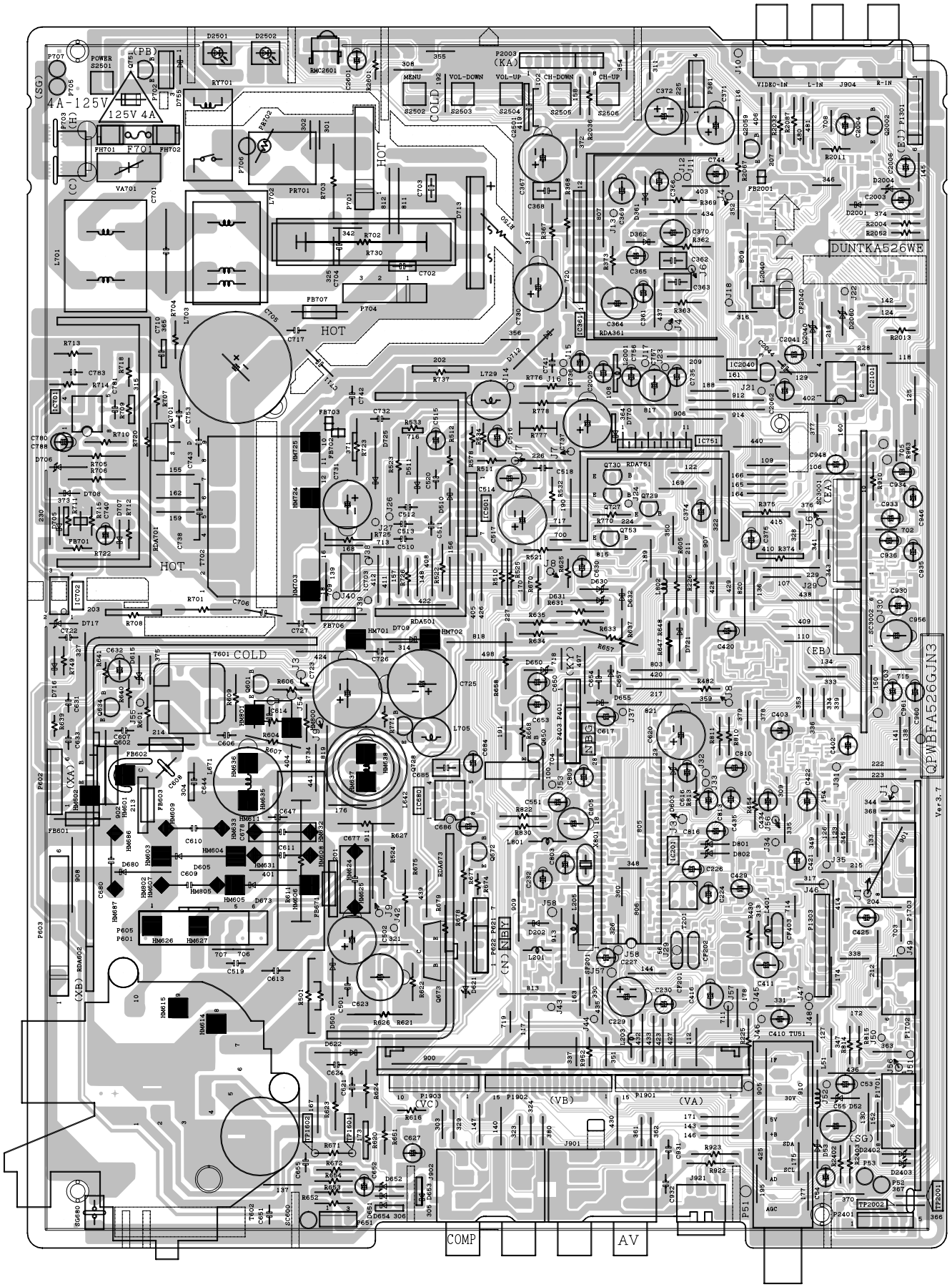


PWB-S: MTS MODULE Unit (Wiring Side)

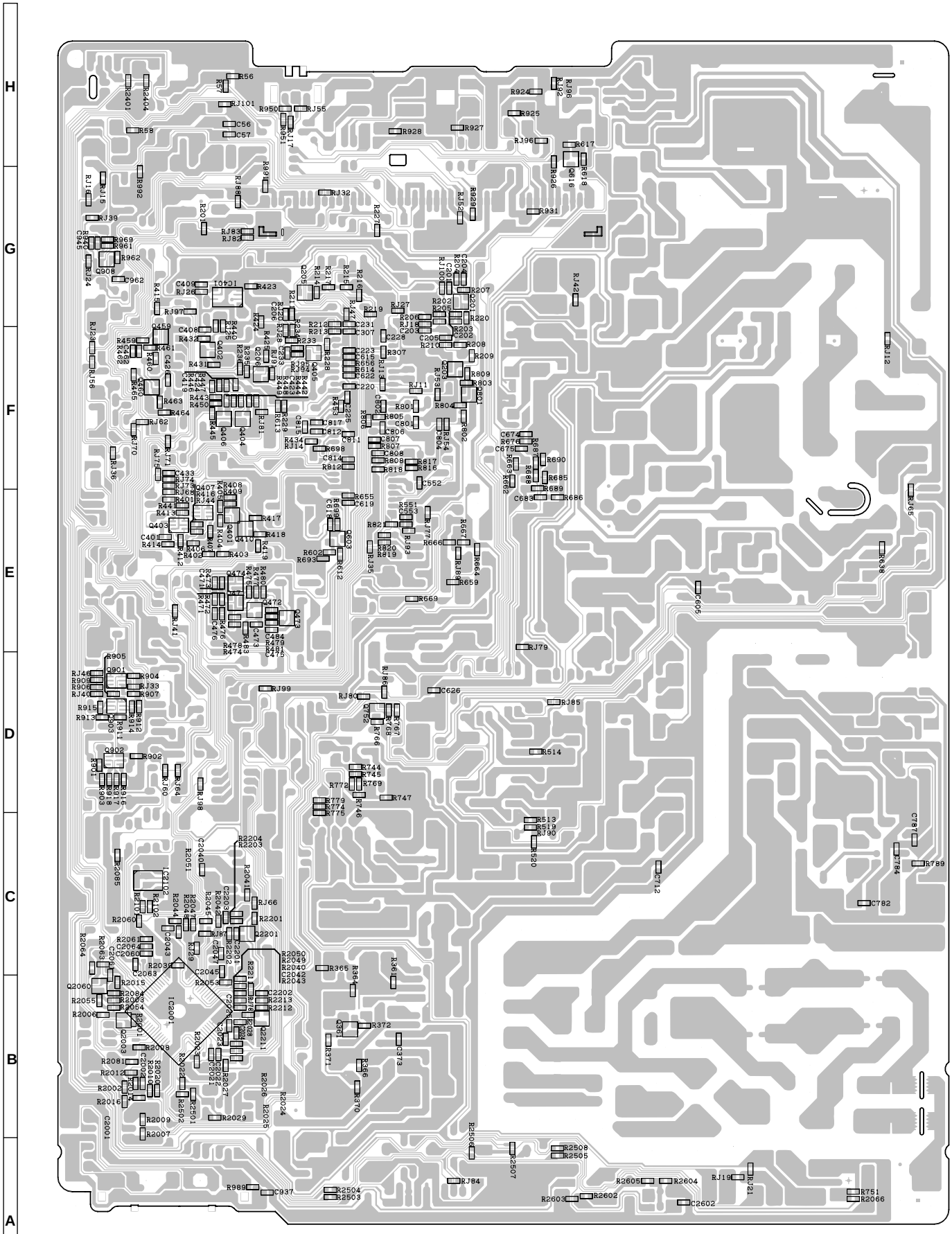


PWB-S: MTS MODULE Unit (Chip Parts Side)

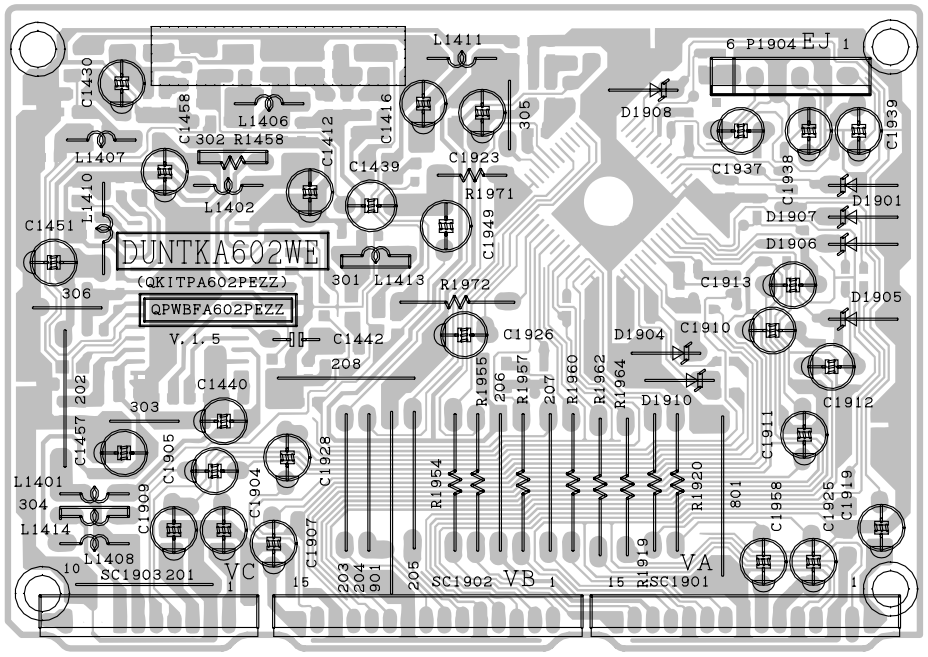
1	2	3	4	5	6



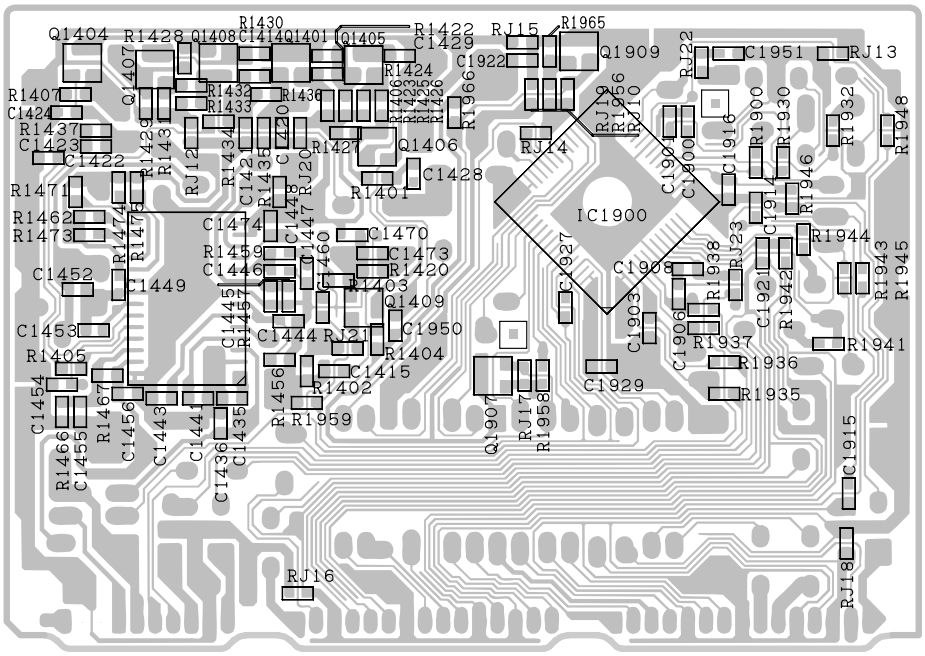
PWB-A: MAIN Unit (Wiring Side)



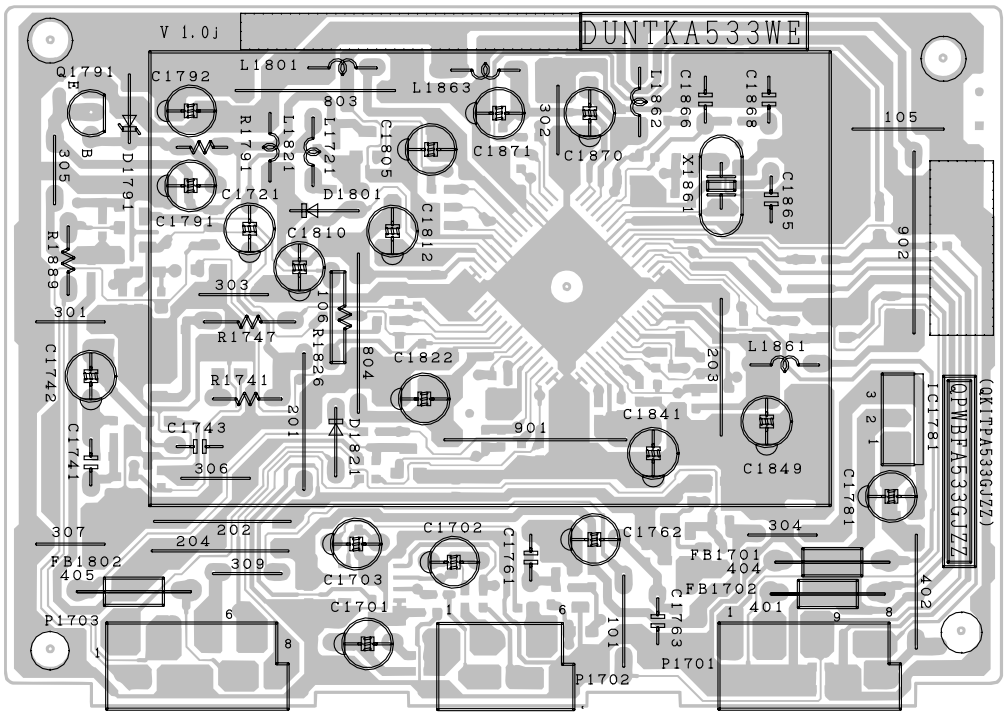
PWB-A: MAIN Unit (Chip Parts Side)



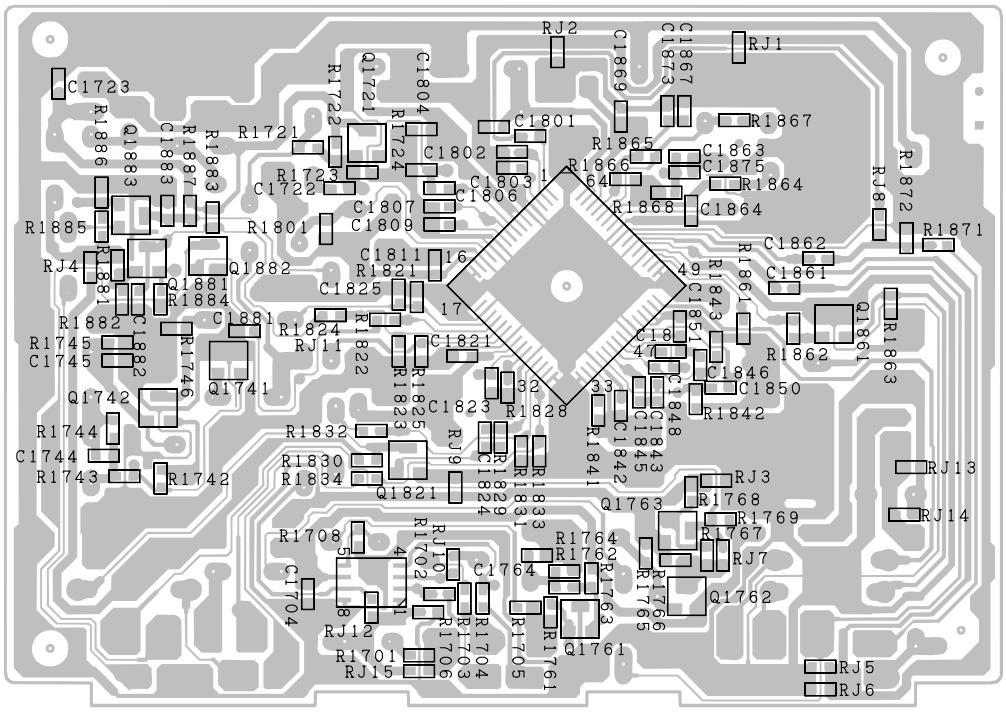
PWB-C: AV Unit (Wiring Side)



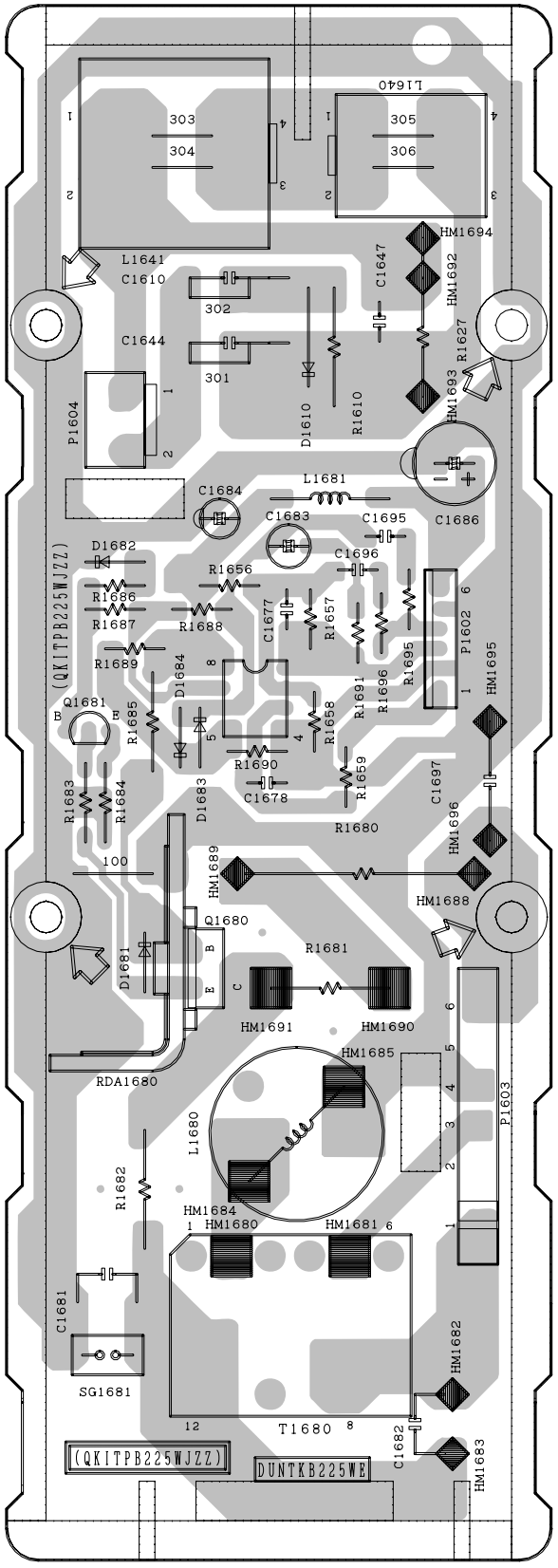
PWB-C: AV Unit (Chip Parts Side)



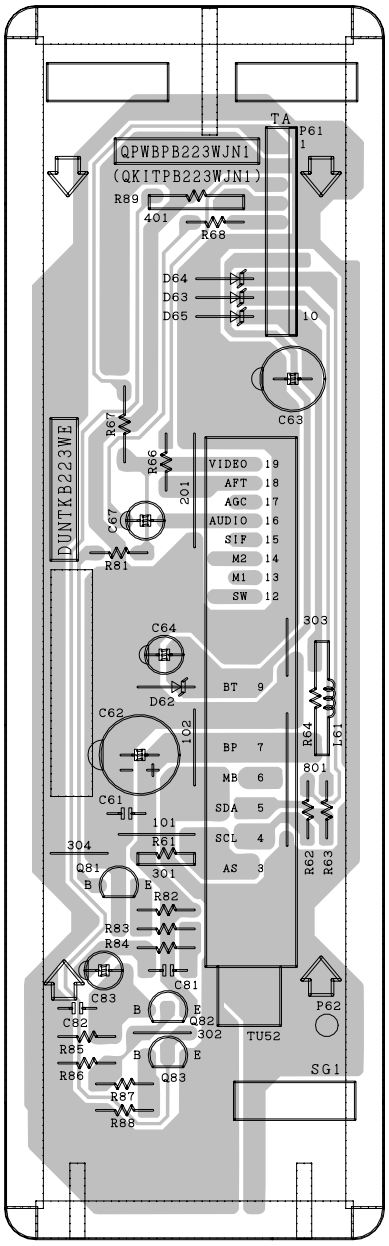
PWB-R: P-IN-P Unit (Wiring Side)
(Only for 27U-F810)



PWB-R: P-IN-P Unit (Chip Parts Side)
(Only for 27U-F810)



PWB-H: DF MODULE Unit (Wiring Side)



PWB-K: 2-TUNER Unit (Wiring Side)
(Only for 27U-F810)

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual ; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which does no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

in **USA**: Contact your nearest SHARP Parts Distributor to order. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

★ MARK: SPARE PARTS-DELIVERY SECTION

▲ MARK: X-RAY RELATED PARTS

Ref. No.	Part No.	★	Description	Code

PICTURE TUBE

▲⚠	V101	VB68LUW696X2E	J	Picture Tube(With D.Y)	CY
⚠	L703	RCiLG0056PEZZ	R	Degaussing Coil	AS
		or			
		RCiLGA023WJZZ			
		LHLDW0102GJKZ	X	Wire Holder, x5	AC
⚠		QEARCA010WJZZ	X	Grounding Strap	AH

PRINTED WIRING BOARD ASSEMBLIES
(NOT REPLACEMENT ITEM)

27U-F500

PWB-A	DUNTKA526WED0	– MAIN Unit	—
PWB-B	DUNTKA527WEB4	– CRT Unit	—
PWB-C	DUNTKA602WEA1	– AV Unit	—
PWB-H	DUNTKB225WEA2	– DF MODULE Unit	—
PWB-S	DUNTKB224WEA2	– MTS MODULE Unit	—

27U-F810

PWB-A	DUNTKA526WEC8	– MAIN Unit	—
PWB-B	DUNTKA527WEB4	– CRT Unit	—
PWB-C	DUNTKA602WEA1	– AV Unit	—
PWB-H	DUNTKB225WEA2	– DF MODULE Unit	—
PWB-K	DUNTKB223WEA0	– 2-TUNER Unit	—
PWB-R	DUNTKA533WEA1	– P-IN-P Unit	—
PWB-S	DUNTKB224WEA0	– MTS MODULE Unit	—

Ref. No.	Part No.	★	Description	Code

PWB-A: DUNTKA526WED0(27U-F500)
PWB-A: DUNTKA526WEC8(27U-F810)
MAIN UNIT

TUNER

NOTE: THE PARTS HERES SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

⚠	TU51	VTUVTST5UF740	X	Tuner	AX
		or			
		VTUENV56DA1G63			

INTEGRATED CIRCUITS

⚠	IC201	RH-iX3395CEN2	J	TB1252CN	AY
⚠	IC361	VHiAN5277//-1	J	AN5277	AN
⚠	IC501	VHiTA8427K/-1	J	TA8427K	AL
⚠	IC701	VHiTEA1507/-1	J	TEA1507P/N1	AL
⚠	IC702	RH-FX0008GEZZ	J	PC123FY8	AE
⚠	IC703	VHiSE120N//-1	J	SE120N	AG
	IC751	VHiSTV8164+-1	X	I.C.	AM
	IC2001	RH-iXA192WJZZ	X	TMPA8700CSF	AY
	IC2040	VHiKiA7045A-1	J	KIA7045AP	AE
		or			
		VHiKiA7045P-1			
	IC2101	VHiM24C16B/-1	J	M24C16-BN6	AG

TRANSISTORS

	Q201	VS2SC2735//1E	J	2SC2735	AC
	Q205	VS2PD601AR/-1	J	2PD601AR	AB
	Q206	VS2PD601AR/-1	J	2PD601AR	AB
	Q361	VS2PB709AR/-1	J	2PB709AR	AB
	Q402	VS2PB709AR/-1	J	2PB709AR	AB
	Q405	VS2PD601AR/-1	J	2PD601AR	AB
	Q410	VS2PD601AR/-1	J	2PD601AR (27U-F810)	AB
	Q459	VS2PB709AR/-1	J	2PB709AR (27U-F500)	AB
	Q460	VS2PB709AR/-1	J	2PB709AR (27U-F500)	AB
	Q471	VS2PD601AR/-1	J	2PD601AR	AB
	Q472	VS2PD601AR/-1	J	2PD601AR	AB
	Q473	VS2PD601AR/-1	J	2PD601AR	AB
	Q474	VS2PD601AR/-1	J	2PD601AR	AB
	Q601	VS2SC2482//-1	J	2SC2482	AD
⚠	Q602	VS2SD2581++2E	J	2SD2581++	AM
		or			
		VS2SD2646++2E			
	Q616	VS2PD601AR/-1	J	2PD601AR	AB
		or			
		VS2SC1623L61E			
	Q634	VS2SC3198-G-1	J	2SC3198-G	AA
	Q650	VS2SA1266-Y-1	J	2SA1266-Y	AA
	Q672	VS2SA1266-Y-1	J	2SA1266-Y	AA
	Q673	VS2SD2045//-1	J	2SD2045	AL
⚠	Q701	VSST6NC60FP1E	X	ST6NC60FP	AN
	Q727	VS2SC3333//-1	J	2SC3333	AG
	Q728	VS2SA1091-O1A	J	2SA1091	AA
	Q729	VS2SA1266-Y-1	J	2SA1266-Y	AA
	Q730	VS2SC3198-G-1	J	2SC3198-G	AA
	Q751	VS2SC3198-G-1	J	2SC3198-G	AA
	Q752	VS2PD601AR/-1	J	2PD601AR	AB
		or			
		VS2SC1623L61E			
	Q753	VS2SC3198-G-1	J	2SC3198-G	AA
	Q801	VS2PD601AR/-1	J	2PD601AR	AB
		or			
		VS2SC1623L61E			
	Q901	VSiMX1C/C//-1	J	IMX1C/C	AB
	Q902	VSiMX1C/C//-1	J	IMX1C/C	AB
	Q903	VSiMX1C/C//-1	J	IMX1C/C	AB
	Q908	VS2PD601AR/-1	J	2PD601AR	AB
		or			
		VS2SC1623L61E			
	Q2002	VS2SA1266-Y-1	J	2SA1266-Y	AA
	Q2059	VS2SC3198-G-1	J	2SC3198-G	AA
	Q2060	VS2PD601AR/-1	J	2PD601AR	AB
		or			
		VS2SC1623L61E			

PWB-A: DUNTKA526WED0(27U-F500)
PWB-A: DUNTKA526WEC8(27U-F810)
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
Q2201	VS2PD601AR/-1 or VS2SC1623L61E	J	2PD601AR	AB
Q2211	VS2PD601AR/-1 or VS2SC1623L61E	J	2PD601AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D52	RH-EX0676GEZZ	J	Zener Diode, 32V	AA
D53	RH-EX0619GEZZ	J	Zener Diode, 6.2V	AA
D361	VHD1SS119//-1	J	Diode	AB
D362	VHD1SS119//-1	J	Diode	AB
⚠ D501	RH-DX0131CEZZ	J	Diode	AC
D510	RH-DX0441CEZZ	J	Diode	AC
D511	RH-EX0654CEZZ	J	Zener Diode, 75V	AD
D603	RH-EX0631GEZZ	J	Zener Diode, 9.1V	AA
⚠ D605	RH-DX0255CEZZ	J	Diode	AC
D615	RH-EX0665GEZZ	J	Zener Diode, 25V	AA
D621	RH-EX0631GEZZ	J	Zener Diode, 9.1V	AA
⚠ D622	RH-DX0131CEZZ	J	Diode	AC
D630	RH-EX0647GEZZ	J	Zener Diode, 15V	AA
D631	RH-EX0647GEZZ	J	Zener Diode, 15V	AA
D632	VHD1SS119//-1	J	Diode	AB
D650	RH-EX0628GEZZ	J	Zener Diode, 8.2V	AC
▲⚠ D651	VHD1SS244//-1 or VHD1SS82///1A	J	Diode	AB
▲⚠ D652	RH-EX0641GEZZ	J	Zener Diode, 12V	AA
▲⚠ D653	VHD1SS119//-1	J	Diode	AB
D655	VHD1SS119//-1	J	Diode	AB
D657	VHD1SS119//-1	J	Diode	AB
⚠ D673	RH-DX0229CEZZ	J	Diode	AF
D680	RH-DX0484CEZZ	J	Diode	AE
D707	VHD1SS119//-1 or VHD1SS244//-1	J	Diode	AB
D708	VHD1SS119//-1 or VHD1SS244//-1	J	Diode	AB
⚠ D709	RH-DX0229CEZZ	J	Diode	AF
⚠ D712	RH-DX0468CEZZ	J	Diode	AE
⚠ D713	RH-DX0477CEZZ	J	Diode	AF
D716	VHD1SS119//-1	J	Diode	AB
D717	RH-EX0650GEZZ	J	Zener Diode, 16V	AB
D721	VHD1SS119//-1 or VHD1SS244//-1	J	Diode	AB
⚠ D725	RH-DX0407CEZZ or RH-DX0468CEZZ	J	Diode	AD
D755	VHD1SS119//-1	J	Diode	AB
D801	RH-EX0631GEZZ	J	Zener Diode, 9.1V	AA
D802	RH-EX0631GEZZ	J	Zener Diode, 9.1V	AA
D2402	RH-EX0619GEZZ	J	Zener Diode, 6.2V	AA
D2403	RH-EX0619GEZZ	J	Zener Diode, 6.2V	AA
⚠ VA701	RH-VX0019CEZZ or RH-VX0048CEZZ or RH-VX0035CEZZ	J	Varistor	AC

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
⚠ PR701	RMPTP0072CEZZ	J	Packaged Circuit	AH
X801	RCRSAA011WJZZ or RCRSB0278CEZZ	X	Crystal	AG

FILTERS AND COILS

Ref. No.	Part No.	★	Description	Code
CF202	RFiLC0447CEZZ	J	Ceramic Filter	AD
CF403	RFiLC0446CEZZ	J	Ceramic Filter	AD
CF2040	RFiLA0099CEZZ	J	Ceramic Filter	AE
SF201	RFiLC0405CEZZ	J	SAW Filter	AH
L51	VP-CF270K0000	J	Peaking 27µH	AB
L201	VP-XF1R2K0000	J	Peaking 1.2µH	AB
L203	VP-DF100K0000	J	Peaking 10µH	AB
L401	VP-XF100K0000	J	Peaking 10µH	AB
L671	RCiLZ1005CEZZ	J	Coil	AH
⚠ L701	RCiLF0313CEZZ or RCiLF0345CEZZ or RCiLF0273CEZZ	J	Coil	AH
⚠ L702	RCiLF0313CEZZ or RCiLF0273CEZZ or RCiLF0345CEZZ	J	Coil	AH
L705	RCiLP0179CEZZ	J	Coil	AD
L729	RCiLP0179CEZZ	J	Coil	AD
L801	VP-DF100K0000	J	Peaking 10µH	AB
L802	VP-DF6R8K0000	J	Peaking 6.8µH	AB
L2040	RCiLB0131CEZZ	J	Oscillation Coil	AE

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
T201	RCiLi0636CEZZ	X	IF Coil	AH
⚠ T601	RTRNZ0057PEZZ	R	Transformer	AK
▲⚠ T602	RTRNFA016WJZZ	X	H-Volt Transformer	AX
⚠ T702	RTRNWA045WJZZ	X	Transformer	AH

CAPACITORS

[EL.…Electrolytic, M-Poly.… Metalized Polypro Film]

Ref. No.	Part No.	★				Code
C53	VCEA0A1HW105M	J	1	50V	EL.	AB
C54	VCEA0A1HW475M	J	4.7	50V	EL.	AB
C55	VCEA0A0JW338M	J	3300	6.3V	EL.	AD
C201	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C202	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C203	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C204	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C223	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C224	VCEA0A1HW475M	J	4.7	50V	EL.	AB
C225	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C226	VCEA0A1HW224M	J	0.22	50V	EL.	AB
C227	VCEA0A1CW226M	J	22	16V	EL.	AB
C228	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C229	VCEA0A1AW228M	J	2200	10V	EL.	AD
C230	VCEA0A1HW225M	J	2.2	50V	EL.	AB
C231	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C232	VCEA0A1HW474M	J	0.47	50V	EL.	AB
C233	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C361	VCEA0A1HW105M	J	1	50V	EL.	AB
C362	VCQYTA1HM123J	J	0.012	50V	Mylar	AA
C363	VCQYTA1HM123J	J	0.012	50V	Mylar	AA
C364	VCEA0A1HW227M	J	220	50V	EL.	AC
C365	VCEA0A1HW105M	J	1	50V	EL.	AB
C366	VCEA0A1CW106M	J	10	16V	EL.	AB
C367	VCEA0A1VW108M	J	1000	35V	EL.	AD
C368	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
C369	VCEA0A1CW227M	J	220	16V	EL.	AC
C370	VCEA0A1CW227M	J	220	16V	EL.	AC
C371	VCEA0A1EW108M	J	1000	25V	EL.	AD
C372	VCEA0A1EW108M	J	1000	25V	EL.	AD
C373	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C374	VCEA0A1HW225M	J	2.2	50V	EL.	AB
C375	VCEA0A1HW225M	J	2.2	50V	EL.	AB
C419	VCKYCY1CF224Z	J	0.22	16V	Ceramic	AA
C420	VCEA0A1CW476M	J	47	16V	EL.	AB
C425	VCEA0A1HW105M	J	1	50V	EL. (27U-F500)	AB
C426	VCKYCY1HB682K	J	6800p	50V	Ceramic (27U-F500)	AA
C429	VCQYTA1HM103J	J	0.01	50V	Mylar	AA
C433	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C434	VCEA0A1HW105M	J	1	50V	EL.	AB
C435	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C462	VCKYCY1CB473K	J	0.047 (27U-F500)	16V	Ceramic	AA

PWB-A: DUNTKA526WED0(27U-F500)
PWB-A: DUNTKA526WEC8(27U-F810)
MAIN UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C471	VCKYCY1HB822K	J	8200p	50V	Ceramic	AB
C473	VCKYCY1HB561K	J	560p	50V	Ceramic	AA
C475	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C476	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C484	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C501	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C502	VCEA0A1VW108M	J	1000	35V	EL.	AD
C510	VCFYSA1JB564J	J	0.56	63V	Mylar	AE
C511	VCKYPA2HB391K	J	390p	500V	Ceramic	AA
C512	VCQYTA1HM473J	J	0.047	50V	Mylar	AA
C513	VCQYTA1HM103J	J	0.01	50V	Mylar	AA
C514	VCEA0A1VW107M	J	100	35V	EL.	AC
C515	VCEACA1HC225J	J	2.2	50V	EL.	AC
C516	VCEACA1HC105J	J	1	50V	EL.	AB
C517	VCEA0A1VW108M	J	1000	35V	EL.	AD
C518	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C519	VCFYSA1JB473J	J	0.047	63V	Mylar	AC
C551	VCEACA1HC474M	J	0.47	50V	EL.	AB
C552	VCKYCY1HB392K	J	3900p	50V	Ceramic	AA
C553	VCKYCY1HB392K	J	3900p	50V	Ceramic	AA
C606	VCKYPA2HB561K	J	560p	500V	Ceramic	AA
C607	VCKYPA1HB472K	J	4700p	50V	Ceramic	AA
▲⚠ C609	VCFPFD3ZA912H	J	9100p	1.8kV	M-Poly.	AD
▲⚠ C610	VCFPFD3ZA912H	J	9100p	1.8kV	M-Poly.	AD
	or					
	VCFPVC3ZA742H					
C613	VCFPVC2DB474J	J	0.47	200V	M-Poly.	AE
C614	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C615	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C616	VCEA0A1HW224M	J	0.22	50V	EL.	AB
C617	VCEA0A1HW474M	J	0.47	50V	EL.	AB
C618	VCKYCY1HB822K	J	8200p	50V	Ceramic	AB
C619	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C620	VCEA0A1CW227M	J	220	16V	EL.	AC
C623	VCEA4A2EN106M	J	10	250V	EL.	AD
C624	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C627	VCEA0A1HW106M	J	10	50V	EL.	AB
C631	VCKYPA1HB331K	J	330p	50V	Ceramic	AA
C632	VCEA0A1VW107M	J	100	35V	EL.	AC
C633	VCKYPA1HB102K	J	1000p	50V	Ceramic	AA
C650	VCEA0A1HW105M	J	1	50V	EL.	AB
C651	VCQYTA2AA104K	J	0.1	100V	Mylar	AB
C652	VCEA0A1VW476M	J	47	35V	EL.	AB
C653	VCEA0A1VW226M	J	22	35V	EL.	AB
C654	VCFYFA1HA334J	J	0.33	50V	Mylar	AB
C674	VCCCCY1HH391J	J	390p	50V	Ceramic	AA
C677	RC-FZ0377CEZZ	J	4.7	50V	Plastic	AF
⚠ C678	VCQPPC2GB473J	J	0.047	400V	M-Poly.	AB
C684	VCEA0A1VW106M	J	10	35V	EL.	AB
C685	VCQYTA1HM333J	J	0.033	50V	Mylar	AA
⚠ C701	RC-FZ036SCEZZ	J	0.1	AC125V	Plastic	AC
	or					
	RC-FZ028SCEZZ		0.1	AC125V	Plastic	
	or					
	RC-FZ020SCEZZ		0.1	AC125V	Plastic	
	or					
	RC-FZ037SCEZZ		0.22	AC125V	Plastic	
	or					
	RC-FZ029SCEZZ		0.22	AC125V	Plastic	
	or					
	RC-FZ021SCEZZ		0.22	AC125V	Plastic	
C702	RC-KZ0029CEZZ	J	0.01	500V	Ceramic	AC
C703	RC-KZ0029CEZZ	J	0.01	500V	Ceramic	AC
C704	VCFYSB2EB224K	J	0.22	250V	Mylar	AD
⚠ C705	RC-EZ0719CEZZ	X	560	200V	EL.	AF
⚠ C706	RC-KZ021SCEZZ	J	3300p	2kV	Ceramic	AE
C710	RC-KZ0040CEZZ	J	820p	2kV	Ceramic	AD
C711	RC-KZ021SCEZZ	J	3300p	2kV	Ceramic	AE
C712	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C717	VCKYPA2HB472K	J	4700p	500V	Ceramic	AB
C722	VCQYTA1HM104J	J	0.1	50V	Mylar	AA

Ref. No.	Part No.	★	Description			Code
⚠ C723	RC-EZ0724CEZZ	J	100	160V	EL.	AG
⚠ C725	RC-EZ0810CEZZ	J	330	160V	EL.	AH
C726	VCKYPH3DB561K	J	560p	2kV	Ceramic	AC
C727	VCKYPH3DB561K	J	560p	2kV	Ceramic	AC
C730	VCEA4A1VN108M	J	1000	35V	EL.	AD
C731	RC-EZ0385CEZZ	J	1000	16V	EL.	AE
C732	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C735	VCEA0A1CW106M	J	10	16V	EL.	AB
C736	VCEA0A1CW106M	J	10	16V	EL.	AB
C737	VCEA0A1CW107M	J	100	16V	EL.	AC
C738	VCFPVC3CA452H	X	4500p	1.6kV	M-Poly.	AF
C740	VCEA0A1EW476M	J	47	25V	EL.	AB
C741	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C742	VCKYPA2HB102K	J	1000p	500V	Ceramic	AA
C756	VCEA0A1CW476M	J	47	16V	EL.	AB
C757	VCEA0A1CW476M	J	47	16V	EL.	AB
C780	VCEA9M1EW226M	J	22	25V	EL.	AB
C781	VCFYFA1HA334J	J	0.33	50V	Mylar	AB
C784	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C787	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C801	VCCCCY1HH110J	J	11p	50V	Ceramic	AA
C802	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C803	VCEA0A1HW224M	J	0.22	50V	EL.	AB
C804	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C805	VCEA0A1CW337M	J	330	16V	EL.	AC
C806	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C807	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C808	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C809	VCEA0A1CW106M	J	10	16V	EL.	AB
C810	VCEA0A1CW106M	J	10	16V	EL.	AB
C811	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C812	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C813	VCEA0A1CW107M	J	100	16V	EL.	AC
C814	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C815	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C816	VCEA0A1CW107M	J	100	16V	EL.	AC
C817	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C930	VCEA0A1HW335M	J	3.3	50V	EL.	AB
C931	VCQYTA1HM183J	J	0.018	50V	Mylar	AB
C932	VCQYTA1HM183J	J	0.018	50V	Mylar	AB
C933	VCEA0A1HW335M	J	3.3	50V	EL.	AB
C934	VCEA0A1CW476M	J	47	16V	EL.	AB
C935	VCEA0A1HW335M	J	3.3	50V	EL.	AB
C936	VCEA0A1HW335M	J	3.3	50V	EL.	AB
C945	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C946	VCEA0A1HW225M	J	2.2	50V	EL.	AB
C948	VCEA0A1HW225M	J	2.2	50V	EL.	AB
C956	VCEA0A1CW337M	J	330	16V	EL.	AC
C960	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C961	VCE9GA1HW475M	J	4.7	50V	EL. (N.P)	AB
C962	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C2001	VCCCCY1HH331J	J	330p	50V	Ceramic	AA
C2003	VCEA0A1HW106M	J	10	50V	EL.	AB
C2004	VCEA0A1CW476M	J	47	16V	EL.	AB
C2005	VCEA0A1CW106M	J	10	16V	EL.	AB
C2040	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C2041	VCEA0A1HW105M	J	1	50V	EL.	AB
C2043	VCCCCY1HH331J	J	330p	50V	Ceramic	AA
			(27U-F810)			
C2044	VCQYTA1HM104J	J	0.1	50V	Mylar	AA
C2060	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C2061	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2062	VCEA0A1AW107M	J	100	10V	EL.	AB
C2063	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C2064	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C2202	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C2203	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
			(27U-F810)			
C2601	VCEA0A1HW476M	J	47	50V	EL.	AB
C2602	VCCCCY1HH101J	J	100p	50V	Ceramic	AA

PWB-A: DUNTKA526WED0(27U-F500)
PWB-A: DUNTKA526WEC8(27U-F810)
MAIN UNIT(Continued)

RESISTORS

[M-Ox.···Metal Oxide, M-Film···Metal Film]

Ref. No.	Part No.	★	Description			Code
RJ13	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ14	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ15	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
			(27U-F500)			
RJ16	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
			(27U-F500)			
RJ17	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ20	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ24	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
			(27U-F810)			
RJ25	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ27	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ28	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
			(27U-F500)			
RJ32	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ33	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ35	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ39	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ40	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ41	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ42	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ46	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ47	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ52	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ53	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ54	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ55	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ56	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ60	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ64	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
			(27U-F810)			
RJ65	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ66	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ68	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
			(27U-F500)			
RJ71	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
			(27U-F810)			
RJ73	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ74	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ78	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ79	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ80	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ81	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ82	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ83	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ84	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ85	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ86	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ87	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ88	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ90	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ94	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ95	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ97	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ98	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ101	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R57	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R201	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
R202	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R203	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R204	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R211	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R212	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R215	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R217	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R219	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R220	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R225	VRD-RA2BE680J	J	68	1/8W	Carbon	AA
R226	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R227	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R228	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R229	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R233	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R234	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R235	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R236	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R307	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R361	VRS-CY1JF224J	J	220k	1/16W	M-Ox.	AA
R362	VRD-RA2BE272J	J	2.7k	1/8W	Carbon	AA
R363	VRD-RA2BE272J	J	2.7k	1/8W	Carbon	AA
R364	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R365	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R367	VRN-RL3DBR56J	X	0.56	2W	M-Film	AE
R368	VRD-RA2BE222J	J	2.2k	1/8W	Carbon	AA
R369	VRD-RA2BE822J	J	8.2k	1/8W	Carbon	AA
R371	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R372	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R415	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R417	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
			(27U-F810)			
R418	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
			(27U-F810)			
R419	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
			(27U-F810)			
R430	VRD-RA2BE331J	J	330	1/8W	Carbon	AA
R431	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R432	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R440	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R453	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R454	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R459	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
			(27U-F500)			
R460	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
			(27U-F500)			
R461	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
			(27U-F500)			
R462	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
			(27U-F500)			
R463	VRS-CY1JF474J	J	470k	1/16W	M-Ox.	AA
			(27U-F500)			
R464	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
			(27U-F500)			
R465	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
			(27U-F500)			
R471	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R472	VRS-CY1JF821J	J	820	1/16W	M-Ox.	AA
R473	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R474	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R475	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R476	VRS-CY1JF393J	J	39k	1/16W	M-Ox.	AA
R477	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R478	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
R479	VRS-CY1JF393J	J	39k	1/16W	M-Ox.	AA
R480	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R481	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R482	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R483	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
⚠ R501	VRN-RL3ABR56J	J	0.56	1W	M-Film	AA
R510	VRD-RA2BE471J	J	470	1/8W	Carbon	AA
R511	VRD-RA2BE393J	J	39k	1/8W	Carbon	AA
R512	VRD-RA2BE683J	J	68k	1/8W	Carbon	AA
R513	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R514	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R520	VRS-CY1JF184J	J	180k	1/16W	M-Ox.	AA
R523	VRN-RL3DB1R0J+	X	1	2W	M-Film	AE
R524	VRS-RG3AB391J	X	390	1W	M-Ox.	AE
R532	VRD-RA2EE824J	J	820k	1/4W	Carbon	AA
R534	VRD-RA2BE181J	J	180	1/8W	Carbon	AA
R551	VRS-CY1JF562F	J	5.6k	1/16W	M-Ox.	AA
R578	VRD-RA2BE123J	J	12k	1/8W	Carbon	AA
R601	VRD-RM2HD220J	J	22	1/2W	Carbon	AA
⚠ R604	VRS-KA3NG122J	J	1.2k	7W	M-Ox.	AD
R605	VRD-RM2HD331J	J	330	1/2W	Carbon	AA
R606	VRD-RM2HD331J	J	330	1/2W	Carbon	AA
R609	VRS-RG3AB562J	X	5.6k	1W	M-Ox.	AF

PWB-A: DUNTKA526WED0(27U-F500)
PWB-A: DUNTKA526WEC8(27U-F810)
MAIN UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
⚠ R611	VRW-KQ41C3R3K	J	3.3	15W	Cement	AG
R612	VRS-CY1JF123J	J	12k	1/16W	M-Ox.	AA
R613	VRS-CY1JF474J	J	470k	1/16W	M-Ox.	AA
R614	VRS-CY1JF225J	J	2.2M	1/16W	M-Ox.	AA
▲⚠ R616	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
▲⚠ R617	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
▲⚠ R618	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
⚠ R621	VRN-RL3DB1R8J	J	1.8	2W	M-Film	AC
⚠ R623	VRN-RL3AB2R7J	X	2.7	1W	M-Film	AE
⚠ R624	VRS-RG3DB332J	X	3.3k	2W	M-Ox.	AE
R631	VRS-RG3AB103J	J	10k	1W	M-Ox.	AB
R633	VRD-RM2HD683J	J	68k	1/2W	Carbon	AA
R635	VRD-RA2EE123J	J	12k	1/4W	Carbon	AA
R637	VRD-RA2BE274J	J	270k	1/8W	Carbon	AA
R638	VRS-CY1JF822J	J	8.2k	1/16W	M-Ox.	AA
R639	VRD-RA2BE561J	J	560	1/8W	Carbon	AA
R640	VRD-RA2BE473J	J	47k	1/8W	Carbon	AA
R641	VRD-RA2BE151J	J	150	1/8W	Carbon	AA
R647	VRS-SV2HC220J	J	22	1/2W	M-Ox.	AA
▲⚠ R651	VRN-RL2HC1R0J	X	1	1/2W	M-Film	AE
▲⚠ R652	VRD-RA2EE103G	J	10k	1/4W	Carbon	AA
▲⚠ R653	VRD-RA2EE562G	J	5.6k	1/4W	Carbon	AA
▲⚠ R654	VRD-RA2EE393G	X	39k	1/4W	Carbon	AE
R655	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R656	VRS-CY1JF474J	J	470k	1/16W	M-Ox.	AA
⚠ R657	VRS-VV3DB123J	J	12k (27U-F810)	2W	M-Ox.	AA
⚠ R658	VRS-VV3DB123J	J	12k	2W	M-Ox.	AA
R659	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R663	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R664	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R666	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R667	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R668	VRD-RA2BE680J	J	68	1/8W	Carbon	AA
R669	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R670	VRD-RM2HD563J	J	56k	1/2W	Carbon	AA
⚠ R671	VRS-RG2HC102J	J	1k	1/2W	M-Ox.	AA
R672	VRD-RM2HD123J	J	12k	1/2W	Carbon	AA
R674	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
⚠ R675	VRN-RL3DBR33J	X	0.33	2W	M-Film	AE
R677	VRD-RA2EE822J	J	8.2k	1/4W	Carbon	AA
R678	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R679	VRD-RM2HD182J	J	1.8k	1/2W	Carbon	AA
R689	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R690	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R698	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R699	VRS-CY1JF822J	J	8.2k	1/16W	M-Ox.	AA
⚠ R702	VRW-KQ4AC1R2K	J	1.2	10W	Cement	AE
⚠ R703	VRD-RM2HD391J	J	390	1/2W	Carbon	AA
R705	VRN-RL3DBR18J+	X	0.18	2W	M-Film	AB
R706	VRN-RL3DBR18J+	X	0.18	2W	M-Film	AB
R707	VRD-RM2HD270J	J	27	1/2W	Carbon	AA
R709	VRD-RA2BE223J	J	22k	1/8W	Carbon	AA
R710	VRS-RG2HC103J	J	10k	1/2W	M-Ox.	AA
R712	VRD-RA2BE100J	J	10	1/8W	Carbon	AA
R713	VRS-RG2HC122J+	X	1.2k	1/2W	M-Ox.	AE
R714	VRD-RM2HD100J	J	10	1/2W	Carbon	AA
R715	VRD-RA2BE470J	J	47	1/8W	Carbon	AA
R718	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R723	VRN-RL3DBR22J	J	0.22	2W	M-Film	AA
⚠ R725	VRD-RM2HD821J	J	820	1/2W	Carbon	AA
⚠ R737	VRN-RL3DBR22J	J	0.22	2W	M-Film	AA
R744	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R745	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R746	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R747	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
⚠ R750	RR-DZ0049CEZZ or RR-HZ0048CEZZ	J	3.9M	1/2W	Solid	AB
R751	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R766	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R767	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R768	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R769	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R770	VRD-RM2HD823J	J	82k	1/2W	Carbon	AA
R771	VRD-RA2BE272J	J	2.7k	1/8W	Carbon	AA
R772	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R774	VRS-CY1JF393J	J	39k	1/16W	M-Ox.	AA
R775	VRS-CY1JF563J	J	56k	1/16W	M-Ox.	AA
R776	VRN-VV3DB1R0J	J	1	2W	M-Film	AB
R777	VRS-KA3HG8R2K	J	8.2	5W	M-Ox.	AD
R778	VRS-VV3AB101J	J	100	1W	M-Ox.	AA
R779	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R789	VRS-CY1JF394J	J	390k	1/16W	M-Ox.	AA
R801	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R802	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R804	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R805	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R806	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R807	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R808	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R809	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R810	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R811	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R812	VRS-CY1JF224J	J	220k	1/16W	M-Ox.	AA
R813	VRD-RA2BE271J	J	270	1/8W	Carbon	AA
R814	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R815	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R816	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R817	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R818	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R819	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R820	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R821	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R822	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R830	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R901	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R902	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R903	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R904	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R905	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R906	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R907	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R909	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R910	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R911	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R912	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R913	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R914	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R915	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R916	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R917	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R918	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R922	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R923	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R924	VRS-CY1JF750J	J	75	1/16W	M-Ox.	AA
R925	VRS-CY1JF750J	J	75	1/16W	M-Ox.	AA
R926	VRS-CY1JF750J	J	75	1/16W	M-Ox.	AA
R927	VRS-CY1JF750J	J	75	1/16W	M-Ox.	AA
R928	VRS-CY1JF750J	J	75	1/16W	M-Ox.	AA
R940	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R950	VRS-CY1JF750J	J	75	1/16W	M-Ox.	AA
R951	VRS-CY1JF750J	J	75	1/16W	M-Ox.	AA
R952	VRD-RA2BE333J	J	33k	1/8W	Carbon	AA
R961	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R962	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R963	VRD-RA2BE331J	J	330	1/8W	Carbon	AA
R969	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R989	VRS-CY1JF750J	J	75	1/16W	M-Ox.	AA
R991	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R992	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R2001	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
▲⚠ R2002	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2004	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
▲⚠ R2007	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R2008	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
▲⚠ R2009	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2010	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA

Ref. No.	Part No.	★	Description	Code

PWB-A: DUNTKA526WED0(27U-F500)
PWB-A: DUNTKA526WEC8(27U-F810)
MAIN UNIT(Continued)

	R2011	VRD-RA2BE561J	J	560	1/8W	Carbon	AA
	R2013	VRD-RA2BE822J	J	8.2k	1/8W	Carbon	AA
▲⚠	R2016	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
	R2020	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
	R2022	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
	R2024	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
	R2025	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
	R2026	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
	R2027	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
	R2028	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
	R2029	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
	R2040	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
	R2041	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
	R2042	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
	R2043	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
	R2044	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
				(27U-F500)			
	R2045	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
	R2047	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
	R2048	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
	R2051	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
	R2052	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
	R2054	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
	R2055	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
	R2060	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
	R2061	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
	R2063	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
	R2064	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
	R2066	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
	R2067	VRD-RA2BE222J	J	2.2k	1/8W	Carbon	AA
	R2081	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
	R2084	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
	R2085	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
				(27U-F810)			
	R2101	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
	R2102	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
	R2201	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
	R2202	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
	R2203	VRS-CY1JF184J	J	180k	1/16W	M-Ox.	AA
	R2204	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
				(27U-F810)			
	R2211	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
	R2212	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
	R2213	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
	R2401	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
	R2402	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
	R2403	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
	R2404	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
	R2501	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
	R2502	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
	R2503	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
	R2504	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
	R2505	VRS-CY1JF822J	J	8.2k	1/16W	M-Ox.	AA
	R2506	VRS-CY1JF822J	J	8.2k	1/16W	M-Ox.	AA
	R2507	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
	R2508	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
	R2601	VRD-RA2BE470J	J	47	1/8W	Carbon	AA
	R2603	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
	R2605	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA

SWITCHES

S2501	QSW-K0003AJZZ or QSW-K0079GEZZ or QSW-K0202PEZZ	J	Power	AB
S2502	QSW-K0003AJZZ or QSW-K0079GEZZ or QSW-K0202PEZZ	J	Menu	AB
S2503	QSW-K0003AJZZ or QSW-K0079GEZZ or QSW-K0202PEZZ	J	VOL–Down	AB
S2504	QSW-K0003AJZZ or QSW-K0079GEZZ or QSW-K0202PEZZ	J	VOL–Up	AB
S2505	QSW-K0003AJZZ or QSW-K0079GEZZ or QSW-K0202PEZZ	J	CH–Down	AB
S2506	QSW-K0003AJZZ or QSW-K0079GEZZ or QSW-K0202PEZZ	J	CH–Up	AB

MISCELLANEOUS PARTS

⚠	RY701	RRLYJ0081CEZZ or RRLYJ0094CEZZ	J	Relay	AL
⚠	F701	QFS-B4023CEZZ	J	Fuse, 4A/AC125V	AC
	FH701	QFSHD1013CEZZ	J	Fuse Holder	AC
	FH702	QFSHD1014CEZZ	J	Fuse Holder	AC
	FB601	RBLN-0037CEZZ	J	Ferrtie Bead	AB
	FB671	RBLN-0037CEZZ	J	Ferrtie Bead	AB
	FB702	RBLN-0020CEZZ	J	Ferrtie Bead	AB
	FB706	RBLN-0037CEZZ	J	Ferrtie Bead	AB
	FB707	RBLN-0037CEZZ	J	Ferrtie Bead	AB
	J901	QTANJ0540CEZZ	X	Terminal, Input-1 (27U-F500)	AH
	J901	QTANZA004WJZZ	X	Terminal, Input-1 (27U-F810)	AU
	J902	QTANJ0655CEZZ	J	Terminal, Input-3/Component	AK
	J904	QJAKG0091CEZZ	X	Jack Input-2	AH
	J921	QSOCD0430CEZZ	J	Socket, S-Video	AE
	P52	QPLGN0160CEZZ	J	Plug,1-pin	AB
	P361	QPLGN0461CEZZ	J	Plug, 4-pin(S)	AB
	P401	QPLGN0861CEZZ	J	Plug, 8-pin(GBN)	AC
	P601	QPLGN0160FJZZ	J	Plug, 5-pin(K)	AD
	P602	QPLGN0661CEZZ	J	Plug, 6-pin(XA)	AD
	P603	QPLGN0660CEZZ	J	Plug, 6-pin(XB)	AC
	P604	QPLGN0157FJZZ	J	Plug,2-pin(XC)	AC
	P621	QPLGN0761CEZZ	J	Plug 7-pin(YBN)	AD
	P651	QPLGN0361CEZZ	J	Plug, 3-pin(TP651-3)	AB
	P701	QPLGN0260CEZZ	J	Plug, 2-pin(M)	AC
	P703	QPLGN0269GEZZ	J	Plug, 2-pin(P)	AB
	P705	QPLGN0160CEZZ	J	Plug, 1-pin(SG)	AB
	P1301	QPLGN0661CEZZ	J	Plug, 6-pin(EJ)	AD
	P1303	QPLGN1061CEZZ	J	Plug, 10-pin(TA) (27U-F810)	AC
	P1901	QPLGN1559REZZ	X	Plug, 15-pin(VA)	AF
	P1902	QPLGN1559REZZ	X	Plug, 15-pin(VB)	AF
	P1903	QPLGN1059REZZ	X	Plug, 10-pin(VC)	AF
	P2401	QPLGN0561CEZZ	J	Plug, 5-pin	AB
	SC3001	QSOCN0259FJ00	J	Socket, 10-pin(EA)	AE
	SC3002	QSOCN0255FJ00	J	Socket, 6-pin(EB) (27U-F810)	AD
	RMC2601	RRMCU0222CEZZ or RRMCU0235CEZZ	J	R/C Receiver	AL
	RDA361	PRDAR0001WJFW	X	Heat Sink, for IC361	AK
	RDA501	PRDARA006WJFW	X	Heat Sink, for IC501	AK
	RDA602	PRDAR0114GJFW	X	Heat Sink, for Q602	AH
	RDA673	PRDAR1007MEFW	J	Heat Sink, for Q673	AH
	RDA701	PRDAR0117GJFW	X	Heat Sink, for Q701	AL
	RDA751	PRDAR0111GJFW	X	Heat Sink, for IC751	AF
	SG680	QSPGH0025CEZZ	J	Spark Gap	AC
	TP100	QLUGP0102PEZZ	R	Lug	AA
		LHLDW1002PEZZ	R	Holder	AB

Ref. No.	Part No.	★	Description	Code

PWB-A: DUNTKA526WED0(27U-F500)
PWB-A: DUNTKA526WEC8(27U-F810)
MAIN UNIT(Continued)

	LX-BZ3049GEFD	J	Screw	AA
	LX-BZ3100CEFD	J	Screw	AA
	LX-HZ3007MEFD	X	Screw	AF
	MSPRK0034BMFW	J	Spring	AC
	QCNW-A476WJZZ	X	Connecting Cord (27U-F810)	AD

Ref. No.	Part No.	★	Description	Code

PWB-B: DUNTKA527WEB4
CRT UNIT

INTEGRATED CIRCUIT

⚠	IC850	VHiTDA6103Q-1	J	TDA6103Q/N3			AL

TRANSISTORS

	Q850	VS2SA1266-Y-1	J	2SA1266-Y			AA
	Q851	VS2SC3198-G-1	J	2SC3198-G			AA
	Q1504	VS2SC3198-G-1	J	2SC3198-G			AA
	Q1505	VS2SA1266-Y-1	J	2SA1266-Y			AA
	Q1506	VS2SA1964E/-1	J	2SA1964E			AF
	Q1507	VS2SC5248E/-1	J	2SC5248E			AE

DIODES

	D853	RH-EX0647GEZZ or RH-EX0417GEZZ	J	Zener Diode, 15V			AA
	D854	VHD1SS119//-1	J	Diode			AB
	D855	VHD1SS119//-1	J	Diode			AB
	D865	RH-EX0633GEZZ	J	Zener Diode			AA
	D866	RH-EX0633GEZZ	J	Zener Diode			AA
	D867	RH-EX0633GEZZ	J	Zener Diode			AA
	D1502	VHD1SS119//-1	J	Diode			AB
	D1503	VHD1SS119//-1	J	Diode			AB
	D1506	RH-DX0487CEZZ	J	Diode			AC
	D1507	RH-DX0487CEZZ	J	Diode			AC
	D1510	VHD1SS119//-1	J	Diode			AB

CAPACITORS

[EL.…Electrolytic]

	C850	VCFYSB2EB823J	J	0.082	250V	Mylar	AD
	C851	RC-KZ018JCEZZ or RC-KZ015JCEZZ	J	0.01	AC250V	Ceramic	AC
	C852	VCEA0A1CW107M	J	100	16V	EL.	AC
	C853	VCFYFA1HA224J	J	0.22	50V	Mylar	AB
	C854	VCEA0A1CW227M	J	220	16V	EL.	AC
	C855	VCEA0A2EW106M	J	10	250V	EL.	AD
	C856	VCEA0A1CW106M	J	10	16V	EL.	AB
	C1501	VCEA0A1EW476M	J	47	25V	EL.	AB
	C1506	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
	C1508	VCKYPA2HB472K	J	4700p	500V	Ceramic	AB
	C1509	VCKYPA1HB472K	J	4700p	50V	Ceramic	AA
	C1510	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
	C1511	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
	C1515	VCEA0A1EW476M	J	47	25V	EL.	AB
	C1516	VCEA0A1EW476M	J	47	25V	EL.	AB
	C1517	VCEA0A2AW106M	J	10	100V	EL.	AC
	C1518	VCCSPA2HL560K	J	56p	500V	Ceramic	AA
	C1519	VCEA0A2CW106M	J	10	160V	EL.	AD

RESISTORS

[M-Ox.…Metal Oxide]

	R850	VRS-SV2HC152J	J	1.5k	1/2W	M-Ox.	AA
	R851	VRS-SV2HC152J	J	1.5k	1/2W	M-Ox.	AA
	R852	VRS-SV2HC152J	J	1.5k	1/2W	M-Ox.	AA
⚠	R853	VRS-SV2HC272J	J	2.7k	1/2W	M-Ox.	AA
⚠	R854	VRS-SV2HC272J	J	2.7k	1/2W	M-Ox.	AA
⚠	R855	VRS-SV2HC272J	J	2.7k	1/2W	M-Ox.	AA
	R856	VRD-RM2HD124J	J	120k	1/2W	Carbon	AA
	R857	VRD-RM2HD124J	J	120k	1/2W	Carbon	AA
	R858	VRD-RM2HD124J	J	120k	1/2W	Carbon	AA
	R862	VRC-MA2HG152K	J	1.5k	1/2W	Solid	AA
	R863	VRC-MA2HG152K	J	1.5k	1/2W	Solid	AA
	R864	VRC-MA2HG152K	J	1.5k	1/2W	Solid	AA
	R867	VRS-SV2HC392J	J	3.9k	1/2W	M-Ox.	AA
	R868	VRS-SV2HC332J	J	3.3k	1/2W	M-Ox.	AA
	R869	VRD-RA2BE473J	J	47k	1/8W	Carbon	AA
	R870	VRD-RA2BE223J	J	22k	1/8W	Carbon	AA
	R871	VRD-RA2BE223J	J	22k	1/8W	Carbon	AA
	R872	VRD-RA2EE680J	J	68	1/4W	Carbon	AA
	R873	VRD-RM2HD224J	J	220k	1/2W	Carbon	AA
	R874	VRD-RM2HD184J	J	180k	1/2W	Carbon	AA

Ref. No.	Part No.	★	Description	Code
R875	VRD-RM2HD184J	J	180k 1/2W Carbon	AA
R876	VRD-RM2HD184J	J	180k 1/2W Carbon	AA
R877	VRD-RA2BE103J	J	10k 1/8W Carbon	AA
⚠ R878	VRS-SV2HC120J	J	12 1/2W M-Ox.	AA
R1511	VRD-RA2BE101J	J	100 1/8W Carbon	AB
⚠ R1513	VRS-VV3DB561J	J	560 2W M-Ox.	AA
R1514	VRD-RA2BE100J	J	10 1/8W Carbon	AA
R1515	VRD-RA2BE820J	J	82 1/8W Carbon	AA
R1516	VRD-RA2BE820J	J	82 1/8W Carbon	AA
R1517	VRD-RA2BE122J	J	1.2k 1/8W Carbon	AA
R1518	VRD-RA2BE683J	J	68k 1/8W Carbon	AA
R1519	VRD-RA2BE123J	J	12k 1/8W Carbon	AA
R1520	VRD-RA2BE683J	J	68k 1/8W Carbon	AA
R1521	VRD-RA2BE122J	J	1.2k 1/8W Carbon	AA
R1522	VRD-RA2EE471J	J	470 1/4W Carbon	AA
R1525	VRD-RA2EE560J	J	56 1/4W Carbon	AA
R1526	VRD-RA2EE560J	J	56 1/4W Carbon	AA
R1527	VRD-RM2HD1R5J	J	1.5 1/2W Carbon	AA
R1528	VRD-RM2HD1R5J	J	1.5 1/2W Carbon	AA
R1529	VRS-VV3DB221J	J	220 2W M-Ox.	AA
R1530	VRD-RA2BE122J	J	1.2k 1/8W Carbon	AA

MISCELLANEOUS PARTS

FB1501	RBLN-0020CEZZ	J	Ferrtie Bead	AB
P854	QPLGN0741CEZZ	J	Plug, 7-pin(YBN)	AC
P860	QPLGN0841CEZZ	J	Plug, 8-pin(GBN)	AB
P861	QPLGN0241CEZZ	J	Plug, 2-pin(PU)	AA
SC850	QSOCV0936CEZZ	J	CRT Socket	AM
RDA850	PRDAR0248PEFW	R	Heat Sink, for IC850	AF
RDA1506	PRDAR5072CEFW	J	Heat Sink, for Q1506	AC
RDA1507	PRDAR5072CEFW	J	Heat Sink, for Q1507	AC
	LX-BZ3100CEFD	J	Screw	AA

PWB-B: DUNTKA527WEB4
CRT UNIT(Continued)

PWB-C: DUNTKA602WEA1
AV UNIT

INTEGRATED CIRCUITS

IC1401	VHiTC90A53F-1	X	I.C.	AV
IC1900	VHiCXA2089Q-1	J	CXA2089Q	AN

TRANSISTORS

Q1401	VS2PD601AR/-1 or VS2SC1623L61E	J	2PD601AR	AB
Q1404	VS2PD601AR/-1 or VS2SC1623L61E	J	2PD601AR	AB
Q1405	VS2PD601AR/-1 or VS2SC1623L61E	J	2PD601AR	AB
Q1406	VS2PB709AR/-1 or VS2SA812-M51E	J	2PB709AR	AB
Q1407	VS2PD601AR/-1 or VS2SC1623L61E	J	2PD601AR	AB
Q1408	VS2PB709AR/-1 or VS2SA812-M51E	J	2PB709AR	AB
Q1409	VS2PD601AR/-1 or VS2SC1623L61E	J	2PD601AR	AB
Q1907	VS2PD601AR/-1 or VS2SC1623L61E	J	2PD601AR	AB
Q1909	VS2PB709AR/-1 or VS2SA812-M51E	J	2PB709AR	AB

COILS

L1401	VP-XF100K0000	J	Peaking 10µH	AB
L1402	VP-XF100K0000	J	Peaking 10µH	AB
L1403	VP-DF151K0000	J	Peaking 150µH	AB
L1406	VP-XF330K0000	J	Peaking 33µH	AB
L1407	VP-XF220K0000	J	Peaking 22µH	AB
L1408	VP-XF100K0000	J	Peaking 10µH	AB
L1410	VP-XF100K0000	J	Peaking 10µH	AB
L1411	VP-XF100K0000	J	Peaking 10µH	AB
L1413	VP-XF330K0000	J	Peaking 33µH	AB
L1414	VP-XF330K0000	J	Peaking 33µH	AB

CAPACITORS

[EL.…Electrolytic]

C1412	VCEA0A1CW106M	J	10	16V	EL.	AB
C1415	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C1416	VCEA0A1CW477M	J	470	16V	EL.	AC
C1420	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C1421	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C1424	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C1428	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1429	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1430	VCEA0A1CW106M	J	10	16V	EL.	AB
C1435	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1436	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1439	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C1440	VCEA0A1CW106M	J	10	16V	EL.	AB
C1441	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1442	VCFYFA1HA474J	J	0.47	50V	Mylar	AC
C1443	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1444	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C1445	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1446	VCCCCY1HH181J	J	180p	50V	Ceramic	AA
C1447	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1448	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1449	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1451	VCEA0A1CW107M	J	100	16V	EL.	AC
C1452	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

PWB-C: DUNTKA602WEA1

AV UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C1910	VCEA0A1HW105M	J	1	50V	EL.	AB
C1911	VCEA0A1HW105M	J	1	50V	EL.	AB
C1912	VCEA0A1HW105M	J	1	50V	EL.	AB
C1913	VCEA0A1HW105M	J	1	50V	EL.	AB
C1914	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1915	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1916	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1919	VCEA0A1HW105M	J	1	50V	EL.	AB
C1921	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1922	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1923	VCEA0A1CW477M	J	470	16V	EL.	AC
C1926	VCEA0A1CW226M	J	22	16V	EL.	AB
C1927	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1928	VCEA0A1HW105M	J	1	50V	EL.	AB
C1929	VCKYCY1HB681K	J	680p	50V	Ceramic	AA
C1937	VCEA0A1HW105M	J	1	50V	EL.	AB
C1938	VCEA0A1HW105M	J	1	50V	EL.	AB
C1939	VCEA0A1HW105M	J	1	50V	EL.	AB
C1951	VCKYCY1HB681K	J	680p	50V	Ceramic	AA

RESISTORS

[M-Ox.…Metal Oxide]

RJ12	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ13	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ14	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ15	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ16	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ18	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ19	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ20	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ21	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ22	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ23	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1401	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1402	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R1403	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R1404	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1405	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R1406	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1407	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1420	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1422	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R1423	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1424	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1425	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R1426	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R1427	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1428	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R1429	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1430	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1431	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1432	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R1433	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1434	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R1435	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1456	VRS-CY1JF564J	J	560k	1/16W	M-Ox.	AA
R1457	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1458	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R1459	VRS-CY1JF821J	J	820	1/16W	M-Ox.	AA
R1466	VRS-CY1JF123J	J	12k	1/16W	M-Ox.	AA
R1467	VRS-CY1JF822J	J	8.2k	1/16W	M-Ox.	AA
R1473	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1475	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1900	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1930	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1932	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1935	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1936	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1937	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1938	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1941	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1942	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1943	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1944	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1945	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1946	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1948	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1954	VRD-RA2BE221J	J	220	1/8W	Carbon	AA
R1955	VRD-RA2BE221J	J	220	1/8W	Carbon	AA
R1956	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1957	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R1958	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1959	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1960	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R1962	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R1964	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R1965	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1966	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1971	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R1972	VRD-RA2BE101J	J	100	1/8W	Carbon	AB

MISCELLANEOUS PARTS

P1904	QPLGN0641CEZZ	J	Plug, 6-pin(EJ)	AB
SC1901	QSOCN1598REZZ	X	Socket, 15-pin(VA)	AE
SC1902	QSOCN1598REZZ	X	Socket, 15-pin(VB)	AE
SC1903	QSOCN1098REZZ	J	Socket, 10-pin(VC)	AC
SLD1901	PSLDM0102GJFW	X	Shield	AP

PWB-H: DUNTKB225WEA2
DF MODULE UNIT

Ref. No.	Part No.	★	Description	Code
INTEGRATED CIRCUITS				
IC1680	VHiKiA358P+-1 or VHiUPC358C/-1 or VHiiR9358//-1	R	KIA358P	AD
TRANSISTORS				
Q1680	VS2SC5022//1E	J	2SC5022	AG
Q1681	VS2SC3198-G-1	J	2SC3198-G	AA
DIODES				
D1610	RH-DX0202CEZZ	J	Diode	AD
D1680	RH-EX0666GEZZ	J	Zener Diode	AB
D1681	RH-DX0475CEZZ	J	Diode	AB
D1682	RH-DX0475CEZZ	J	Diode	AB
D1683	RH-DX0475CEZZ	J	Diode	AB
D1684	RH-DX0475CEZZ	J	Diode	AB
COILS				
L1640	RCiLZ0982CEZZ	J	Coil	AK
L1641	RCiLZ1022CEZZ	J	Coil	AK
L1680	RCiLZ0034PEZZ	R	Coil	
L1681	VP-DF8R2K0000	J	Peaking 8.2µH	AB
TRANSFORMER				
T1680	RTRNZ0726CEZZ	J	Transformer	AM

CAPACITORS

[EL.···Electrolytic]

C1610	VCFYSB2EB224K	J	0.22	250V	Mylar	AD
C1644	RC-FZ0364CEZZ	J	0.62	250V	Plastic	AF
C1677	VCKYPA1HB391K	J	390p	50V	Ceramic	AA
C1678	VCKYPA1HB391K	J	390p	50V	Ceramic	AA
C1681	RC-KZ0024CEZZ	J	1000p	2kV	Ceramic	AC
C1682	VCKYPH3DB561K	J	560p	2kV	Ceramic	AC
C1683	VCE9GA1HW335M	J	3.3	50V	EL. (N.P)	AB
C1684	VCEA0A1VW477M	J	470	35V	EL.	AB
C1685	VCFYFA1HA474J	J	0.47	50V	Mylar	AC
C1686	VCEA0A1VW108M	J	1000	35V	EL.	AD
C1695	VCFYFA1HA224J	J	0.22	50V	Mylar	AB
C1696	VCQYTA1HM103J	J	0.01	50V	Mylar	AA
C1697	VCFPVC3ZA822H	J	8200p	1.8kV	M-Poly.	AE

RESISTORS

[M-Ox.···Metal Oxide]

R1610	VRS-VV3DB103J	J	10k	2W	M-Ox.	AA
R1627	VRS-KT3LB122J	J	1.2k	3W	M-Ox.	AC
R1656	VRD-RA2BE394J	J	390k	1/8W	Carbon	AA
R1657	VRD-RA2BE273J	J	27k	1/8W	Carbon	AA
R1658	VRD-RA2BE183J	J	18k	1/8W	Carbon	AA
R1659	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R1680	VRS-SV3LB154J	J	150k	3W	M-Ox.	AC
R1681	VRS-KT3LB104J	J	100k	3W	M-Ox.	AC
R1682	VRC-MA2HG333K	J	33k	1/2W	Solid	AA
R1683	VRD-RA2BE332J	J	3.3k	1/8W	Carbon	AA
R1684	VRD-RA2BE681J	J	680	1/8W	Carbon	AA
R1685	VRS-VV3AB181J	J	180	1W	M-Ox.	AA
R1686	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R1687	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R1688	VRD-RA2BE473J	J	47k	1/8W	Carbon	AA
R1689	VRD-RA2BE823J	J	82k	1/8W	Carbon	AA
R1690	VRD-RA2BE822J	J	8.2k	1/8W	Carbon	AA
R1691	VRD-RA2BE683J	J	68k	1/8W	Carbon	AA
R1695	VRD-RA2BE224J	J	220k	1/8W	Carbon	AA
R1696	VRD-RA2BE394J	J	390k	1/8W	Carbon	AA

Ref. No.	Part No.	★	Description	Code
MISCELLANEOUS PARTS				
P1602	QPLGN0661CEZZ	J	Plug, 6-pin(XA)	AD
P1603	QPLGN0660CEZZ	J	Plug, 6-pin(XB)	AC
P1604	QPLGN0157FJZZ	J	Plug, 2-pin	AC
SG1681	QSPGH0025CEZZ	J	Spark Gap	AC
RDA1680	PRDAR0135PEFW	R	Heat Sink, for Q1680	AE
	LX-BZ3100CEFD	J	Screw	AA

Ref. No.	Part No.	★	Description	Code

PWB-K: DUNTKB223WEA0(27U-F810)
2-TUNER UNIT

TUNER
NOTE: THE PARTS HERES SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

⚠ TU52	VTUVTBT5UR202	J	Tuner	BC

TRANSISTORS

Q81	VS2SA1266-Y-1	J	2SA1266-Y	AA
Q82	VS2SA1266-Y-1	J	2SA1266-Y	AA

DIODE

D62	RH-EX0673GEZZ	J	Zener Diode, 32V	AB

COIL

L61	VP-CF100K0000	J	Peaking 10µH	AB

CAPACITORS
[EL.···Electrolytic]

C61	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
C62	VCEA0A1AW228M	J	2200	10V	EL.	AD
C63	VCEA0A0JW108M	J	1000	6.3V	EL.	AC
C64	VCEA0A1HW105M	J	1	50V	EL.	AB
C67	VCE9GA1CW106M	J	10	16V	EL. (N.P)	AB
C81	VCQYTA1HM473J	J	0.047	50V	Mylar	AA
C82	VCQYTA1HM472J	J	4700p	50V	Mylar	AB
C83	VCEA0A1HW105M	J	1	50V	EL.	AB

RESISTORS

R61	VRD-RA2BE562J	J	5.6k	1/8W	Carbon	AA
R62	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R63	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R66	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R67	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R68	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R81	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R82	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R83	VRD-RA2BE151J	J	150	1/8W	Carbon	AA
R84	VRD-RA2BE122J	J	1.2k	1/8W	Carbon	AA
R85	VRD-RA2BE684J	J	680k	1/8W	Carbon	AA
R86	VRD-RA2BE122J	J	1.2k	1/8W	Carbon	AA

MISCELLANEOUS PARTS

P61	QPLGN1041CEZZ	J	Plug, 10-pin(TA)	AC

Ref. No.	Part No.	★	Description	Code

PWB-R: DUNTKA533WEA1(27U-F810)
P-IN-P UNIT

INTEGRATED CIRCUITS

IC1801	VHiM65667FP-2	J	M65667FP	BC

TRANSISTORS

Q1721	VS2PD601AR/-1	J	2PD601AR	AB
Q1741	VS2PB709AR/-1	J	2PB709AR	AB
Q1742	VS2PB709AR/-1	J	2PB709AR	AB
Q1761	VS2PB709AR/-1	J	2PB709AR	AB
Q1762	VS2PB709AR/-1	J	2PB709AR	AB
Q1791	VS2SC1959Y/1E	J	2SC1959Y	AC
Q1861	VS2PB709AR/-1	J	2PB709AR	AB
Q1881	VS2PD601AR/-1	J	2PD601AR	AB
Q1882	VS2PD601AR/-1	J	2PD601AR	AB
Q1883	VS2PD601AR/-1	J	2PD601AR	AB

DIODES

D1791	RH-EX0604GEZZ	J	Zener Diode, 4.3V	AB
D1801	VHD1SS119//-1	J	Diode	AB
D1821	VHD1SS119//-1	J	Diode	AB

CRYSTAL

X1861	RCRSB0283CEZZ	J	Crystal	AG
	or			
	RCRSB0241CEZZ			

COILS

L1721	VP-XF680K0000	J	Peaking 68µH	AB
L1801	VP-XF100K0000	J	Peaking 10µH	AB
L1821	VP-XF100K0000	J	Peaking 10µH	AB
L1861	VP-XF100K0000	J	Peaking 10µH	AB
L1862	VP-XF100K0000	J	Peaking 10µH	AB
L1863	VP-XF100K0000	J	Peaking 10µH	AB

CAPACITORS
[EL.···Electrolytic]

C1721	VCEA0A1HW106M	J	10	50V	EL.	AB
C1722	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1741	VCQYTA1HM473J	J	0.047	50V	Mylar	AA
C1742	VCEA0A1HW105M	J	1	50V	EL.	AB
C1743	VCQYTA1HM472J	J	4700p	50V	Mylar	AB
C1761	VCQYTA1HM473J	J	0.047	50V	Mylar	AA
C1762	VCEA0A1HW105M	J	1	50V	EL.	AB
C1763	VCQYTA1HM682J	J	6800p	50V	Mylar	AB
C1781	VCEA0A1CW476M	J	47	16V	EL.	AB
C1791	VCEA0A1AW107M	J	100	10V	EL.	AB
C1792	VCEA0A1AW107M	J	100	10V	EL.	AB
C1801	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1802	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1803	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1804	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1805	VCEA0A1HW106M	J	10	50V	EL.	AB
C1806	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1807	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1809	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1810	VCEA0A1CW226M	J	22	16V	EL.	AB
C1811	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1812	VCEA0A1HW106M	J	10	50V	EL.	AB
C1821	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1822	VCEA0A1HW106M	J	10	50V	EL.	AB
C1841	VCEA0A1HW106M	J	10	50V	EL.	AB
C1842	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1843	VCCCCY1HH680J	J	68p	50V	Ceramic	AA
C1845	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1846	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C1847	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1848	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1849	VCEA0A1HW106M	J	10	50V	EL.	AB
C1850	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1851	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1861	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1862	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB

PWB-R: DUNTKA533WEA1(27U-F810)

P-IN-P UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C1863	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1865	VCFYFA1HA154J	J	0.15	50V	Mylar	AC
C1866	VCQYTA1HM103J	J	0.01	50V	Mylar	AA
C1867	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1868	VCFYFA1HA474J	J	0.47	50V	Mylar	AC
C1869	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1870	VCEA0A1HW106M	J	10	50V	EL.	AB
C1871	VCEA0A1HW106M	J	10	50V	EL.	AB
C1872	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA

RESISTORS

[M-Ox.…Metal Oxide]

RJ1	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ2	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ4	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ6	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ7	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ8	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ9	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ11	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ12	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ13	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ14	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
RJ15	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1721	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R1722	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1723	VRS-CY1JF822J	J	8.2k	1/16W	M-Ox.	AA
R1724	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1741	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R1742	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1743	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
R1744	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1745	VRS-CY1JF474J	J	470k	1/16W	M-Ox.	AA
R1746	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1747	VRD-RA2BE822J	J	8.2k	1/8W	Carbon	AA
R1761	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1762	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
R1763	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1764	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1765	VRS-CY1JF474J	J	470k	1/16W	M-Ox.	AA
R1766	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1791	VRD-RA2BE151J	J	150	1/8W	Carbon	AA
R1801	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R1821	VRS-CY1JF123J	J	12k	1/16W	M-Ox.	AA
R1822	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1823	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R1825	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R1828	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R1831	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R1832	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1833	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R1834	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1841	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R1842	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R1843	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R1861	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R1862	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1863	VRS-CY1JF102J	J	1k	1/16W	M-Ox.	AA
R1864	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R1865	VRS-CY1JF474J	J	470k	1/16W	M-Ox.	AA
R1866	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1867	VRS-CY1JF202J	J	2k	1/16W	M-Ox.	AA
R1868	VRS-CY1JF510J	J	51	1/16W	M-Ox.	AA
R1871	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1881	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R1882	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1883	VRS-CY1JF123J	J	12k	1/16W	M-Ox.	AA
R1884	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1885	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R1886	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1887	VRS-CY1JF123J	J	12k	1/16W	M-Ox.	AA
R1889	VRD-RA2BE101J	J	100	1/8W	Carbon	AB

MISCELLANEOUS PARTS

P1701	QPLGZ0810CEZZ	J	Plug, 8-pin	AD
P1702	QPLGZ0610CEZZ	J	Plug, 6-pin	AB
P1703	QPLGZ0810CEZZ	J	Plug, 8-pin	AD
SLD1801	PSLDM0012MEFW	J	Shield	AD

PWB-S: DUNTKB224WEA2(27U-F500)
PWB-S: DUNTKB224WEA0(27U-F810)
MTS MODULE UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC3001	VHiCXA2074Q-1	J	CXA2074Q	AY
IC3301	VHiMM1111XF1E	J	MM1111XFBE (27U-F810)	AE
IC3501	VHiNJW1144G-1Y	X	NJW1144G (27U-F810)	

DIODES

Ref. No.	Part No.	★	Description	Code
D300	RH-EX0619GEZZ	J	Zener Diode, 6.2V (27U-F810)	AA
D301	RH-EX0619GEZZ	J	Zener Diode, 6.2V (27U-F810)	AA

CAPACITORS

[EL.···Electrolytic]

Ref. No.	Part No.	★	Description	Code
C3001	VCE9GA1HW475M	J	4.7 50V EL. (N.P)	AB
C3002	VCKYCY1HB562K	J	5600p 50V Ceramic	AA
C3003	VCQYTA1HM123J	J	0.012 50V Mylar	AA
C3004	VCEA0A1HW105M	J	1 50V EL.	AB
C3005	VCE9GA1HW475M	J	4.7 50V EL. (N.P)	AB
C3006	VCEA0A1HW106M	J	10 50V EL.	AB
C3007	VCEA0A1HW475M	J	4.7 50V EL.	AB
C3008	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C3009	VCEA0A1CW227M	J	220 16V EL.	AC
C3010	VCE9GA1HW475M	J	4.7 50V EL. (N.P)	AB
C3011	VCEA0A1HW475M	J	4.7 50V EL.	AB
C3012	VCE9GA1HW475M	J	4.7 50V EL. (N.P)	AB
C3013	VCKYCY1HB272K	J	2700p 50V Ceramic	AA
C3014	VCQYTA1HM473J	J	0.047 50V Mylar	AA
C3015	VCEACA1HC335K	J	3.3 50V EL.	AC
C3016	VCE9GA1HW475M	J	4.7 50V EL. (N.P)	AB
C3017	VCEACA1CC106K	J	10 16V EL.	AC
C3018	VCEA0A1HW105M	J	1 50V EL.	AB
C3029	VCQYTA1HM682J	J	6800p 50V Mylar	AB
C3030	VCQYTA1HM682J	J	6800p 50V Mylar	AB
C3031	VCQYTA1HM473J	J	0.047 50V Mylar	AA
C3032	VCQYTA1HM473J	J	0.047 50V Mylar	AA
C3033	VCE9GA1HW475M	J	4.7 50V EL. (N.P) (27U-F810)	AB
C3034	VCE9GA1HW475M	J	4.7 50V EL. (N.P) (27U-F810)	AB
C3301	VCEA0A1HW106M	J	10 50V EL. (27U-F810)	AB
C3302	VCKYCY1HF103Z	J	0.01 50V Ceramic (27U-F810)	AA
C3303	VCEA0A1HW106M	J	10 50V EL. (27U-F810)	AB
C3304	VCEA0A1HW106M	J	10 50V EL. (27U-F810)	AB
C3501	VCQYTA1HM104J	J	0.1 50V Mylar (27U-F810)	AA
C3502	VCFYFA1HA334J	J	0.33 50V Mylar (27U-F810)	AB
C3503	VCQYTA1HM822J	J	8200p 50V Mylar (27U-F810)	AA
C3504	VCQYTA1HM332J	J	3300p 50V Mylar (27U-F810)	AA
C3505	VCQYTA1HM333J	J	0.033 50V Mylar (27U-F810)	AA
C3506	VCQYTA1HM152K	J	1500p 50V Mylar (27U-F810)	AB
C3507	VCFYFA1HA224J	J	0.22 50V Mylar (27U-F810)	AB
C3509	VCEA0A1HW105M	J	1 50V EL. (27U-F810)	AB
C3510	VCEA0A1HW105M	J	1 50V EL. (27U-F810)	AB
C3511	VCEA0A1HW105M	J	1 50V EL. (27U-F810)	AB
C3512	VCEA0A1HW105M	J	1 50V EL. (27U-F810)	AB
C3513	VCEA0A1HW105M	J	1 50V EL. (27U-F810)	AB
C3514	VCEA0A1CW476M	J	47 16V EL. (27U-F810)	AB
C3515	VCKYCY1CB103K	J	0.01 16V Ceramic (27U-F810)	AB
C3531	VCQYTA1HM104J	J	0.1 50V Mylar (27U-F810)	AA
C3533	VCQYTA1HM223J	J	0.022 50V Mylar (27U-F810)	AA
C3534	VCQYTA1HM332J	J	3300p 50V Mylar (27U-F810)	AA
C3535	VCQYTA1HM333J	J	0.033 50V Mylar (27U-F810)	AA
C3536	VCQYTA1HM152K	J	1500p 50V Mylar (27U-F810)	AB
C3537	VCFYFA1HA224J	J	0.22 50V Mylar (27U-F810)	AB
C3539	VCFYFA1HA334J	J	0.33 50V Mylar (27U-F810)	AB
C3540	VCEA0A1HW105M	J	1 50V EL. (27U-F810)	AB
C3541	VCEA0A1HW105M	J	1 50V EL. (27U-F810)	AB

RESISTORS

[M-Ox.···Metal Oxide]

Ref. No.	Part No.	★	Description	Code
RJ6	VRS-CY1JF000J	J	0 1/16W M-Ox. (27U-F810)	AA
RJ7	VRS-CY1JF000J	J	0 1/16W M-Ox. (27U-F810)	AA
RJ8	VRS-CY1JF000J	J	0 1/16W M-Ox. (27U-F810)	AA
R2531	VRS-CY1JF221J	J	220 1/16W M-Ox. (27U-F810)	AA
R2532	VRS-CY1JF221J	J	220 1/16W M-Ox. (27U-F810)	AA
R3001	VRD-RA2BE221J	J	220 1/8W Carbon	AA
R3002	VRD-RA2BE221J	J	220 1/8W Carbon	AA
R3003	VRS-CY1JF105J	J	1M 1/16W M-Ox.	AA
R3004	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R3005	VRS-CY1JF623J	J	62k 1/16W M-Ox.	AA
R3007	VRS-CY1JF332J	J	3.3k 1/16W M-Ox.	AA
R3008	VRS-CY1JF302J	J	3k 1/16W M-Ox.	AA
R3010	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R3011	VRS-CY1JF102J	J	1k 1/16W M-Ox.	AA
R3012	VRS-CY1JF102J	J	1k 1/16W M-Ox.	AA
R3301	VRS-CY1JF101J	J	100 1/16W M-Ox. (27U-F810)	AA
R3501	VRS-CY1JF472J	J	4.7k 1/16W M-Ox. (27U-F810)	AA
R3503	VRS-CY1JF221J	J	220 1/16W M-Ox. (27U-F810)	AA
R3533	VRS-CY1JF221J	J	220 1/16W M-Ox. (27U-F810)	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P3001	QPLGN0242FJ00	J	Plug, 10-pin(EA)	AE
P3002	QPLGN0238FJ00	J	Plug, 6-pin(EB) (27U-F810)	AD

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ACC701	QACCD3065CESA or QACCDA001WJSA	J	AC Cord(AC120V, 60Hz)	AN
SP1	VSP1206PB648A or VSP1206PB598A	X	Speaker(L), 8ohm	AN
SP2	VSP1206PB648A or VSP1206PB598A	X	Speaker(R), 8ohm	AN
	LHLDK0014PEZZ	R	AC Cord Holder	AD
	LHLDW1002PEZZ	R	Holder	AB
	LHLDW1003PEZZ	R	Holder(27U-F810)	AA
	LHLDW1009PEZZ	R	Holder	AA
	LHLDW1037PEZZ	R	Wire Holder	AB
	LHLDW1060CEZZ	J	Holder	AB
	LHLDZ1037MEZZ	X	Anode Clamp Holder	AD
	LX-TZ0104GJFD	X	CRT Screw, x4	AF
	LX-WZ0112GJFD	X	CRT Washer, x8	AE
	QCNW-0165GJZZ	X	Connecting Cord(EJ)	AK
	QCNW-A378WJZZ	X	Connecting Cord	AF
	QCNW-A379WJZZ	X	Connecting Cord	AH
	QCNW-A380WJZZ	X	Connecting Cord	AG
	QCNW-A381WJZZ	X	Connecting Cord(27U-F810)	AG
	QCNW-A382WJZZ	X	Connecting Cord	AF
	QCNW-A383WJZZ	X	Connecting Cord(27U-F810)	AH
	QCNW-A475WJZZ	X	Connecting Cord(SP)	AG
	QCNW-A477WJZZ	X	Connecting Cord(27U-F810)	AG
	QCNW-A478WJZZ	X	Connecting Cord(27U-F810)	AG
	TCAUHA013WJZZ	X	Caution Card	AB
	TLABM0002GJZZ	X	Model Label	AB
	TLABSA006WJZZ	X	SRS/BBE Label(27U-F810)	AD
	TLABZ0152GJZZ	X	Feature Label	AD
	XTASD30P12000	J	Screw, x8	AA
	XTASD40P12000	J	Screw, x6	AA
	XTASD40P20000	J	Screw, x6	AA

SUPPLIED ACCESSORIES

	TiNS-7662GJZZ	X	Operation Manual(27U-F500)	AH
	TiNS-A060WJZZ	X	Operation Manual(27U-F810)	AH
	RRMCGA035WJSB	X	Infrared R/C Unit(27U-F500)	AR
	RRMCGA027WJSA	X	Infrared R/C Unit(27U-F810)	AT
	QCNW-0236MEZZ	X	Coaxial Cable(27U-F810)	AK
	TGAN-0001GJZZ	X	Guarantee Card	AB

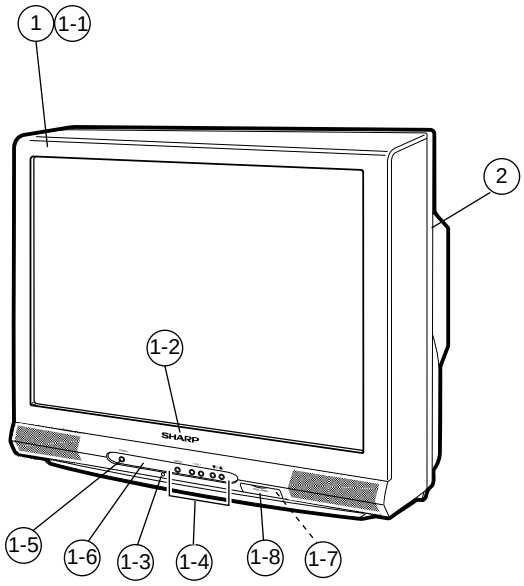
PACKING PARTS
(NOT REPLACEMENT ITEM)

	SPAKC0248GJZZ	–	Packing Case	—
	SPAKP0109GJZZ	–	Wrapping Paper	—
	SPAKX0132GJZZ	–	Buffer Material	—
	SSAKA0101GJZZ	–	Polyethylene Bag	—
	TLABZA005WJZZ	–	Carton Label(27U-F810)	—
	TLABZA006WJZZ	–	Carton Label(27U-F500)	—

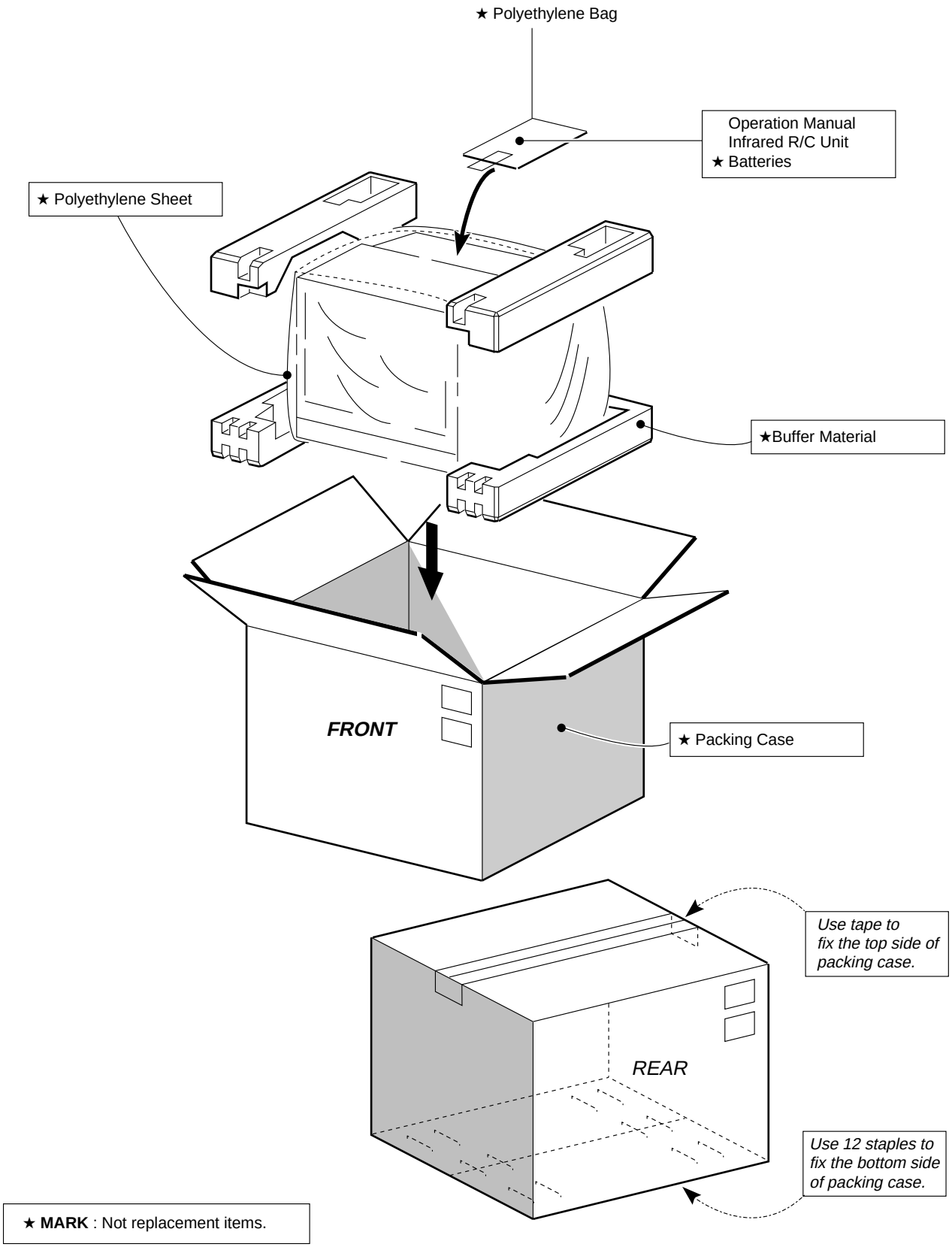
CABINET PARTS

1	CCABA0178WEH0	X	Front Cabinet Ass'y (27U-F500)	BN
1	CCABA0169WEH1	X	Front Cabinet Ass'y (27U-F810)	BF
1-1	*Not Available*	–	Front Cabinet	—
1-2	HBDGB3141CESA	J	"SHARP" Badge	AG
1-3	HDECQ0105GJSA	X	RC/LED Cover	AC
1-4	JBTN-0128GJKA	X	Button, Menu, CH-Up/Down, VOL-Up/Down	AD
1-5	JBTN-0129GJKA	X	Button, Power	AC
1-6	HDECQ0104GJKA	X	Decoration Plate	AE
1-7	HiNDP0107GJSA	X	Indication Plate	AB
1-8	GDORF0105GJKA	X	AV Terminal Door	AD
2	GCABB0155GJKA	X	Rear Cabinet(27U-F500)	AY
2	GCABB0147GJKA	X	Rear Cabinet(27U-F810)	AY

CABINET PARTS LOCATION



PACKING OF THE SET



★ **MARK** : Not replacement items.

SHARP

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